IAP Cover Sheet		Version Name: Period 13
Incident Name: South 4 Group	Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
	Appro	oved By
Federal OSC:	Adams, Adam <i>Anna</i>	HOAMS FOSC AND
Jefferson County Judge:	Branick, Jeff Rober-	Grimm for Rent / 1
State OSC:	Davila, Hope Hane	Davila Abord Savila
EOC Manager:	Wright, Mike M/\mathcal{V}	Wagle Mill Wo
	Incident A	ction Plan
	N	otes

MAY CONTAIN PERSONAL IDENTIFYING INFORMATION, CONFIDENTIAL INFORMATION, OR SENSITIVE SECURITY INFORMATION. MAY BE EXEMPT FROM DISCLOSURE UNDER THE FREEDOM OF INFORMATION ACT OR TEXAS PUBLIC INFORMATION ACT



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CS 202b - Critical Information Requirements	
CS 203 - Organization Assignment List	
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CS 205 - Radio Communications	
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Weather Report Version Name: 20191211 @ 1415

Incident Name: South 4 Group Fire Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Present Conditions

Weather Conditions as of 12/11/2019 14:12

port arthur station id: MID_PORT2

Feels Like: 53° Fahrenheit

Temperature: 53° Fahrenheit

Wind Speed: 8 mph Dew Point: ° Fahrenheit

Wind Direction (from): NNE Pressure: 30.44

Visibility: mile(s) UV Index:

Humidity (%): Sunrise: 07:01

Short Description: Sunny Sunset: 17:16

Full Description: Sunny

Current Speed: Wave Height:
Current Direction (to): Wave Direction:
Water Temperature: ° Fahrenheit Swell Interval:

Forecast Date		Day		Night
Wed		Sunny, with a high near 58. Northeast wind 10 to 15 mph, with gusts as high as 20 mph.		Mostly clear, with a low around 43. Northeast wind around 5 mph.
12/11/2019		Chance of Precipitation(%): 0%		Chance of Precipitation(%): 2%
	58 °F	Wind: 13 mph	45 °F	Wind: 10 mph
Thu 12/12/2019		Partly sunny, with a high near 61. Northeast wind 5 to 10 mph. Chance of Precipitation(%): 10%		A 20 percent chance of showers. Mostly cloudy, with a low around 49. Northeast wind around 5 mph becoming calm after midnight.
				Chance of Precipitation(%): 16%
	61 °F	Wind: 6 mph	50 °F	Wind: 4 mph
Fri 12/13/2019		Partly sunny, with a high near 68. Calm wind becoming southwest around 5 mph in the afternoon.		Partly cloudy, with a low around 51. Southwest wind around 5 mph becoming northwest after midnight.
	•	Chance of Precipitation(%): 10%		Chance of Precipitation(%): 1%
	67 °F	Wind: 4 mph	52 °F	Wind: 5 mph

					naes
	Tide	Height	UOM	Time	Tide Station Location
Wed	High	0.831	feet	01:53	Port Arthur, Tx Us
12/11/2019	Low	-0.429	feet	10:05	Port Arthur, Tx Us
Thu	High	0.859	feet	02:10	Port Arthur, Tx Us
12/12/2019	Low	-0.49	feet	10:43	Port Arthur, Tx Us

Weather Report		Prepared By Planning Section	n, Updated 12/11/2019 14:13 UTC -6: PP
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Weather Re	port				Version Name: 20191211 @ 141
ncident Name	South 4	Group Fire	9		Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:0
Fri	High	0.88	feet	02:24	Port Arthur, Tx Us
12/13/2019	Low	-0.509	feet	11:25	Port Arthur, Tx Us
Weather Repo	rt				Prepared By Planning Section, Updated 12/11/2019 14:13 UTC -6: F

ICS 202 - Incident Objectives	Version Name: Period 1
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00
	Objective
Ensure the Safety of the Public and Response Personn	el
Maximize Protection of Environmentally-Sensitive Area	
Stabilize the Incident and Protect Unaffected Assets an	d Physical Infrastructure
Contain, Recover, and Dispose of Spilled Material	
Manage Coordinated Response Effort Keep Stakeholders, Local Government, and Public Info	rmod of Incident Status
•	is (Safety Message, Priorities, Key Decisions/Directions)
Ensure proper Site Safety Plan and Risk Analysis when	n conducting tactics.
Support mandatory evacuation/shelter, if ordered.	
Support rehab for first responders.	
Maintain situational awareness including atmospheric c	onditions.
Establish estimated inventory of remaining product.	
Maintain an inventory of fire fighting water volume and i being used and remaining inventory.	remaining containment capacity. Maintain record of fire suppression foar
Establish and maintain an approved air monitoring plan	with a public health component.
Establish and maintain Document Retention, especially	in regards to decision making documents.
Prioritize the prevention of incident related materials fro	m being discharged into the Neches River.
Minimize emissions and odors.	
Be delibrative in your actions.	
ICS 202 - Incident Objectives	Prepared By IAP Support, Updated 12/11/2019 14:39 UTC -6:00 P
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ICS 202a - Command Direction Version Name: Period 13 Incident Name: South 4 Group Fire Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00] **Priorities** People (Life Safety) Assets **Environment Protection** Incident Stabilization Protect Transportation Infrastructure Waterway Management Public and Stakeholder Engagement Evidence Preservation **Property Preservation** Society Restoration/Business Continuity Information Management Resumption of Commerce Reputation Limitations and Constraints Weather Conditions **Night Operations** Location of the Incident Availability/Shortfall of Resources

- Transportation/Logistics
- Support Infrastructure
- Permits (Authorization to Apply Alternate Response Techniques)
- Wildlife Activities (Fish, Birds, etc.)
- Access to Shoreline (Private vs Public Lands)
- Spilled Material Characteristics (Monitoring/PPE Requirements)
- Public Health
- Community/Media Perception
- Changes in Evacuation or SIP Orders, as Ordered by Jefferson County Judge
- Evidence Preservation
- Work/Rest Rotation Requirements
- Disposal of Waste
- Jurisdictional Issues

ICS 202a - Command Direction		Prepared By IAP Support, Upda	ated 12/11/2019 10:00 UTC -6:00 PP
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ICS 202a - Command Direction	Version Name: Period 13
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Key Decisions and Procedures

Key Decisions

- Makeup of UC Federal, State, Local, & RP
- Name of Incident = South 4 Group Fire
- Overall Response Organization Staffing
 - Operations Section Chief & Deputy OSC = TPC
 - Planning Section Chief & Deputy PSC = TPC
 - Logistics Section Chief = TPC
 - Finance Section Chief = TPC
 - Safety Officer = TPC
 - Public Information Officer = TPC
 - Liaison Officer = TPC
 - Environmental Unit Leader = TPC

Note: section chiefs have full authority on filling positions; however, ensure agencies are integrated into the organization

- Command Post 3501 Turtle Creek Dr., port Arthur, Tx 77642
- Joint Information Center 3501 Turtle Creek Dr., port Arthur, Tx 77642
- Operational Period and work hours 48 Hour Ops Period from 0600hrs to 0600hrs
- · All external releases of information should be approved by UC (Press releases and press conferences)
- Any resource request over \$10,000(pending logistics) should be approved by EOC Manager
- Any issues around waterway management will be managed, as required, with the USCG

Procedures

- Resource Requests / Ordering Process (ICS 213 RR)
- · Press Releases / External Reporting Procedures Done
- · External Reporting Review & Approval Process Planning Cycle
- Operational Security Process TRG Lanyards and Badges
- · Documentation Process and Guidelines IAP Software, following document retention
- Finance Operating Guidelines Is deployed
- Claims Process Number established (866) 601-5880
- · Demobilization Process
- Shoreline Cleanup Assessment Techniques As applicable

ICS 202a - Command Direction	1	Prepared By IAP Support, Upda	ated 12/11/2019 10:00 UTC -6:00 PP
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Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
ICS 202b - Critical Information Requirements	Version Name: Period 13

Critical Incident Reporting Threshold (Critical Information Reports):

Notify Unified Command Immediately for any of the Following:

- · Injury Beyond First Aid or Death
- Evacuations
 - Any Change to Evacuation/SIP Order
- Any Air Monitoring Results Exceeding Action Levels
- · Critical Response Equipment Status Change
- Change in the Source Status
- Critical Weather Events
- Public Infrastructure Closures (Parks, Boat Ramps, Railroads, Roads, etc.)
- Protests / Demonstrations
- Significant Security Issues
- · Breach of Safety Zone
- VIP Visits
- · Dead or Oil Impacted Wildlife
- Adverse Media Coverage or Stakeholder Input
- Affected Public Seeking Medical Attention
- Significant Response Events
- Impacts to Commerce
- Any Unaccounted For or Unauthorized Personnel in the Field
- · Special Requests from Agencies
- Impacts to Water Intake of the Neches River
 - Release of Sheen or Product to the Neches River
- When Containment Level of Any Area, Including Outfall Area, Reaches Critical Levels

ROUTINE REPORTING:

Situation Unit:

- Progress Report ICS-209 Incident Status Summary with Executive Summary (Daily Report 1800hrs)
- Live Common Operating Picture (Displays Ongoing)
- Spot Weather Report, Trajectories & Meeting Schedule (Displays Hourly)
 - Command and General Staff Meeting 1900hrs at New ICP (Rest of Meeting Schedule to Follow)

Operations:

- Operational Status Update Prior to Objectives Meeting & Key Trigger Points in the Response (Milestones/Operational Constraints/Challenges/Future OPS) from OSC/PSC/Logistics) - (Briefing)
- Fire Water Reportout, Including Fire Water Runoff/Discharged to Both Wastewater Treatment and Outfall (0600 Operations Briefing)

Liaison Officer:

- Agencies Assigned to Incident Listing (Report 0800hrs)
- Adversely Impacted and Involved Stakeholders Listing (Report 0800hrs)

Public Information Officer:

- Media Talking Points from PIO (Daily Report 0800hrs)
- PIO to Report on Media Climate (Report/Briefing 0800hrs)

Finance:

- Burn Rate from Finance (Report 0800hrs)
- Updated Claims Information (Report 0800hrs)

ICS 202b - Critical Information	Requirements	Prepared By IAP Support, Upda	ated 12/11/2019 10:00 UTC -6:00 PP
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ICS 203 - Organization Assi	gnment List		Version Name: 20191212
Incident Name: South 4 Group Fire		Period: Period 13 [12/12/2019	9 06:00 - 12/14/2019 06:00]
Command		Operations Section	
State OSC Night (On-Call)	Kirksey, Sarah	Air Monitoring Group	Scott, Alex
Incident Commander Day	McDonald, Scott	Air Monitoring Group	Davis, Jason
Safety Officer Field Day	Trahan, Kelly	Air Monitoring Group	Tijerina, Pamella
Public Information Officer	Cronin, Sara	Air Monitoring Group	Layton, Jillian
Liaison Officer Day	Sanders, Jason	Air Monitoring Group	Turner, Michael
EOC Manager Night	Wright, Michael	Air Monitoring Group	Tighe, Daniel
	Tannehill, Lance	Air Ops Group Supervisor	Allen, Bryce
ICS Technical Specialist Day		Air Ops Group Supervisor	Berg, Nolan
Local Government OSC	White, Michael	Air Ops Group Supervisor	Barrett, Blake
EOC Manager Day	LaFollette, Michael	Asbestos & Debris Recovery Group	Henault, Andrew
Federal OSC	Adams, Adam	Decontamination Group	EcoWerks
Incident Commander Night	Hollier, Kurt	Deputy Operations Section Chief	Sharpe, Randall
Safety Officer Day	Ray, David	Division A Supervisor	Garcia, Thomas
Safety Officer Night	Dorsa, Clayton	Division B Supervisor	Williams, Jordan
State OSC Day	Layton, Jillian	Division C Supervisor	Blanchard, Leland
ICS Technical Specialist Night	Torres, Joe	Division D Supervisor	Bowers, Daniel
Liaison Officer Night	Jascek, Becky	Division E Supervisor	Williams, Jordan
Safety Officer Field Night	Hanks, Scot	Env Sampling Group	Allaby, Eric
Deputy Federal OSC	Fisher, Bray	Env Sampling Group	Gueringer, Jeremy
Deputy Local Government OSC	Grimm, Robert	Env Sampling Group	Tighe, Daniel
Planning Section	J Timming Tropics	Environmental Specialist	Miller, Mike
Planning Section Chief Day	Gehrke, Brian	Environmental Specialist Evidence Preservation	Broomes, Ebunoluwa Montoya, John
Planning Section Chief Night	Park, Johnny	Fire Suppression Group Supervisor	Holly, Chad
Situation Unit Leader	Shook, Anthony	Day	I folly, Chau
GIS Specialist	Gray, Kevin	Fire Suppression Group Supervisor	Williams, James
Documentation Unit Leader	Moore, Josh	- Night	
Scribe Day	Carroll, Tiffany	Inhibitor Team 1 Day	Tassin, Steven
Scribe Swing	Wyble, Heather	Inhibitor Team 1 Night	Reddington, Thomas
Scribe Night	Hergert, Jeremy	Inhibitor Team 2 Day	Page, Donald
Demobilization Unit Leader	Koon, Sean	Main Gate Staging Area	Roberts, Brandon
Resource Unit Leader	Nail, Johnny	366 Staging Area	Hellickson, Jacob
Technical Liaison	Heimeyer, Nathan	OPERA Staging Area	Ham, Tyler
Technical Liaison	Harrison, Chrstopher	Operations Section Chief Day	Lynn, Mike
Logistics Section		Operations Section Chief Night	Carlton, Doug
Logistics Section Chief	Lawson, Elton	Recovery & Protection Branch Director	Blanchard, Cory (Clean Harbors)
Deputy Logistics Section Chief	Dupuis, Philip	SCAT Coordinator	Simmons, Robert
Communications Unit Leader Day	Zant, Casey	Staging Branch Director	Comer, Lynn
Communications Unit Leader Night	Grissom, Billy	Support Services Branch Director	Sanders, Jason
Ground Support Unit Leader	Moore, Jeff	Support Services Branch Director	Wnek, Shawn
Staging Coordinator	Comer, Lynn	Support Services Branch Director	Easton, Linda
Staging Coordinator	Mcglothin, Lloyd	Support Services Branch Director	Jaschek, Rebecca
ICS 203 - Organization Assignme	nt List	Prepared By Planning Section, Upd	ated 12/11/2019 16:29 UTC -6: PF
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ICS 203 - Organization As	signment List			Version Name: 20191212	
Incident Name: South 4 Group F	ire	Period: Period 13 [1	2/12/2019	9 06:00 - 12/14/2019 06:00	
		Tank Stabilization Group S Day	upervisor	Picou, Clint	
		Tank Stabilization Group S Night	upervisor	Davis, James	
		TF-Outfall 201 Leader		Garcia, Thomas	
		TPC Docks Staging Area M	lanager	Smart, Jeremy	
		Waste Management Group Supervisor		Blanchard, Cory	
		Water Sampling Group		Allaby, Eric	
		Water Sampling Group		McMullin, Tami	
		Water Sampling Group		Reilly, Michael	
		Finance Section			
		Finance Section Chief Day		Guilbeau, Koy	
		Finance Section Chief Nigh	ıt	Marshall, Linda	
		P2P		Estes, Marty	
		Procurement Unit Leader D	ay	Burke, Dona	
Other Sections / Positions				-	
Section	Position		Perso	n	
JIC	APIO Inform Specialist	APIO Information Gathering/Website Specialist		erth, Erika	
JIC	APIO Inform	APIO Information Products		hty, Haley	
JIC	PIO	PIO		n, Sara	
JIC		Products - Writer		nte, David	
JIC		Social Media Specialist		nson, Anastasia	
JIC	APIO Media		Keith, Payton		
JIC	APIO Media	a Relations	Prathe	er, Alisha	

Prepared By Planning Section, Updated 12/11/2019 16:29 UTC -6: PP

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ICS 203 - Organization Assignment List

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ICS 204 - Assignmen Incident Name: South 4 Gr				Pariod: Don	iod 13 [12/12/2019 06:	nn - 12/14/2	 010 06:01
modent Name. South 4 Gi	oup rife				100 13 [12/12/2019 00.	00 - 12/14/2	019 00.00
- W	Tar		Operations I	Personnel			
Position					Contact Number		
Operations Section Chief Cariton, Dou Operations Section Chief Lynn, Mike			TPC Group			2nd Sh	
		ke				1st Shi	ft
Support Services Branch Sanders Director						(PP)	•
rector			TPC Group		Ex. 6 Personal Privacy	Day Sr	
Support Services Branch Director	Jaschek,	, Rebecca	TPC Group			Day Sh	ıift
Support Services Branch Director	Wnek, S	hawn	СТЕН	CTEH		Day Sh	ift
Support Services Branch Director	Easton, I	, Linda CTEH		(b) (6)	Day Sh	ift	
Air Monitoring Group			CTEH	***************************************	(b) (6)	Day Sh	ift
Air Monitoring Group	Davis, Ja	ason	CTEH	СТЕН		Night S	hift
Air Monitoring Group	Tijerina,	Pamella	СТЕН	СТЕН		Day Sh	ıift
Air Monitoring Group Layton,		Jillian	an TCEQ		(b) (6)	Day Sh	nift
Air Monitoring Group	Tighe, D	Daniel EPA Region 6			713-397-1550	Day Sh	ift
Air Monitoring Group			NRC - National	NRC - National Response			
			Resources	Required			
Area Of Operation		Resource Kind		Description		Quantity	Size
Air Monitoring Group		Equipment: Safety		Benzen Tub	es	10 each	
Air Monitoring Group		Air Monitor - MultiRAE		Air Monitor -	MultiRAE	70 each	
Air Monitoring Group		Air Monitor - UltraRAE		Air Monitor -	UltraRAE	55 each	
Air Monitoring Group		Air Monitori	ng Technician	Technician TPC (CTEH) A		61 each	
Air Monitoring Group		Equipment:	Safety	Butadiene T	ubes	20 each	
Air Monitoring Group			ng Technician			4 each	
Air Monitoring Group		Air Monitoring Technicia) Air Monitoring Tech	8 each	
Air Monitoring Group		Equipment:	Safety	Air Monitor -	DRAGER X-PID	25 each	
Air Monitoring Group		Equipment: Safety		AM510/AM5	20	24 each	
Air Monitoring Group		Air Monitor	- AreaRAE	Air Monitor -	AreaRAE	31 each	
Air Monitoring Group		Equipment:	Safety	Ludlum		1 each	
Air Monitoring Group		UTV		UTV		4 each	
Air Monitoring Group		Equipment:	Safety	Gil/SKC/Lela	and Pumps	114 each	
Air Monitoring Group		Data Mana	ger	Data Manag	er	6	
Air Monitoring Group		Project Mar	-	Project Man		6	
Air Monitoring Group		Toxicologis		Toxicologist		3	
Air Monitoring Group		Manpower:		Equipment N	Manager	4 each	_
Air Monitoring Group		ļ	ntal Specialist	Project Assis		1 each	
Air Monitoring Group		Command ¹	•	Command T		2 each	feet
Air Monitoring Group		Generator		Generator		3 each	kilowa (s)
Air Monitoring Group		SCBA		SCBA		8 each	
ICS 204 - Assignment Lis	it				Updated	12/11/2019 15:	06 UTC -6:0
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ICS 204 - Assignment List	Group: Air Monitoring Group
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

All Air Monitoring activities are to be conducted in accordance with the Air Monitoring Plan. For all areas as directed for both day and night shift as safe to do so. Continuous and roving detecting air gas monitoring to be conducted by trained gas testing personnel using multi-gas monitors.

Ambient air sampling will continue in the 1-mile radius and the surrounding area as it has since the incident began. Technicians will shift to any areas where sampling results indicate elevated results.

EPA (START/Weston) - One 2-person team (DAY) and One 2-person team (NIGHT) roving team conducting air monitoring downwind in the communities.

TCEQ (NRC) - 4 day personnel and 4 night personnel roving team conducting air monitoring downwind in the communities.

TPC (CTEH) - Utilize roaming air monitors within the response area, fenceline monitoring, on water operations, surrounding community and escort anyone entering the plant response area (day & night).

Utilize stationary air monitoring collecting analytical samples that are being sent for asbestos and hydrocarbons.

Air monitoring is occurring in multiple areas where spill mitigation and remediation activities are occurring, including staging areas and vessels.

Conduct real-time air monitoring with off-site and on-site air monitoring stations in order to monitor the community and personnel with MultiRAEs and AreaRAEs. AreaRAE units are deployed at fixed locations and readings will be monitored in a centralized location by the Air Monitoring Group to allow for rapid recognition, communication and response to changing conditions.

Report to Safety and Operations on established schedule except for action level exceedances which should be reported immediately.

If sustained detection of readings are observed, personnel will be instructed to deploy to site to confirm the detection with a secondary hand held real time instrument. Monitor changing environmental conditions and notify operations supervisors of any unsafe conditions. Data managers onsite will provide data summaries and support.

Using AreaRAE's are deployed on the fenceline and within the facility. A new procedure that will require additional personnel to add 4 AreaRAE and 4 Dragers; incident command trailer.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

DEMOBILIZATION:

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Special Environmental Considerations

Follow the approved Air Sampling to ensure the goals are met and information disseminated.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.

If an alligator wis spotted:

- 1. Leave the alligator in place.
- 2. Maintain visual.
- 3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

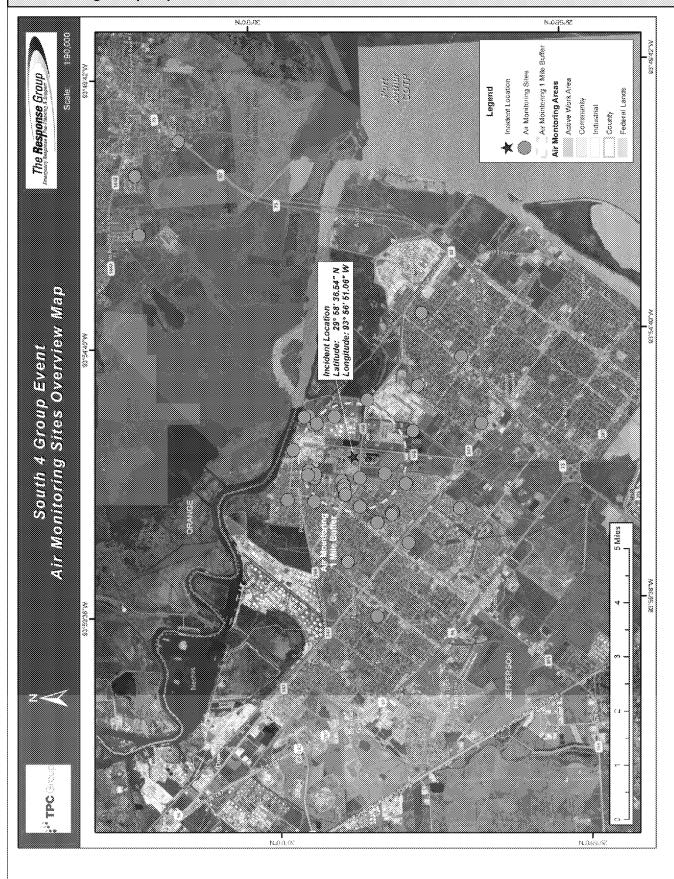
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:39 UTC -6:00	12 of 104	e TPC
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ICS 204 - Assignment List			Group: Air Monitoring Group
Incident Name: South 4 Group Fire		Period: Period 13 [12/12	/2019 06:00 - 12/14/2019 06:00]
Special Site-S _l	pecific Safet	y Considerations	
Wear SCBA while in the Exclusion Zone. Stay out of smo	ke plume.		
Immediately leave area with elevated readings above the	air monitorin	g action limit.	
Be aware of surroundings and vehicle traffic.			
Be aware of wildlife while working around/near water and	l high grassy	areas.	
Personal flotation device required if within 3' of bodies of	water (canals	s, deep ditches, etc.).	
Immediately report safety incidents and concerns to your	supervisor.		
Stay hydrated.			
ICS 204 - Assignment List			Updated 12/11/2019 15:06 UTC -6:00
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Incident Name: South 4 Group Fire

Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Air Monitoring Group Map



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ICS 204 - Assignment List			Updated 12/11/2019 15:06 UTC -6:00

ICS 204 - Assignment List	Group: Asbestos & Debris Recovery Group
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Operations	Personnel

		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Director				
Asbestos & Debris Recovery Group	Henault, Andrew	СТЕН	(b) (6)	Day Shift
Recovery & Protection Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift

	**			- 2		881	3	<u> </u>	- 2		•	123	್ತು	333	٠	×	್ರ	×	ģ
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Area Of Operation	Resource Kind	Description	Quantity	Size
Asbestos & Debris Recovery Group	Manpower: Supervisor	Asbestos Supervisors(CH)	1 each	
Asbestos & Debris Recovery Group	Manpower: Responder	Asbestos & Debris Removal Tech (CH)	4 each	
Asbestos & Debris Recovery Group	Project Manager	Project Manager Asbestos (CTEH)	1	
Asbestos & Debris Recovery Group	Environmental Specialist	Inspector/Sampling Tech (CTEH)	6 each	
Asbestos & Debris Recovery Group	Data Manager	Data Manager (CTEH)	1	

Community assessment for the presence of any ACM or incident debris and the sampling, collection and removal.

Team 1 consists of 1 toxicologist, 1 health scientist and 1 certified asbestos consultant.

This team will evaluate homes for the presence or absence of insulation and/or potentially asbestos containing materials (PACM) in accordance with the UC approved sampling and analysis plan and in response to residential requests to the call center and/or on-line database.

Conduct personnel sampling from debris and asbestos clean up crew.

Priorities will be established based on health concerns communicated by the residents.

Should the PACM or other potential terminal debris be found, the asbestos contractor will be notified and material will be collected in accordance with the contractor's plan.

Standby Resources:

1 team of 4 consisting of abatement sampling and recovery specialist to be deployed when mobilized by the assessment team.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

DEMOBILIZATION:

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

	Communications
Name / Function	Contact Details
Safety / Safety	Safety 1

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ICS 204 - Assignment List			

ICS 204 - Assignment Lis	t	Group: Ast	oestos & Debris Recovery Group
Incident Name: South 4 Group F	ire	Period: Period 13 [12/12	/2019 06:00 - 12/14/2019 06:00
	·	ntal Considerations	
Should the PACM or other poten collected in accordance with the		e asbestos contractor will be notif	ied and material will be
was observed. If an alligator wis spotted: 1. Leave the alligator in place. 2. Maintain visual.		by call or text and provide where in issue, notify Safety Officer imn	
	Special Site-Specific	Safety Considerations	
Be aware of wildlife while workin	g around/near water and high gi	assy areas.	
Steep embankments may exist a	round waterways. Wear flotation	n device within 3' of water.	
Monitor air quality. Immediately l	eave area with readings elevate	d above the action limit.	
Report safety incidents and cond	cerns to your immediate supervis	sor.	
Stay hydrated.			
ICS 204 - Assignment List			Updated 12/07/2019 17:32 UTC -6:0
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	ıt List					Group: De	con Grou
Incident Name: South 4 Gr	roup Fire			Period: Perio	d 13 [12/12/2019 06:0	00 - 12/14/2	2019 06:00
	•		Operations	Personnel	-		
Position	Name		Affiliation		Contact Number((s) Work	Shift
Operations Section Chief	Carlton, D	Doug	TPC Group		Ex. 6 Personal Privacy (PP)	PP) 2nd Shift	
Operations Section Chief	Lynn, Mik	e			<u> </u>	1st Shift	
Protection and Recovery Branch Director	Blanchard	l, Cory	Clean Harbo Service Inc.	ors Environmental (CHES)	337-321-2948	Day SI	nift
Decon Group Supervisor	EcoWerks	S					
			Resources	s Required			
Area Of Operation	/	Resource Ki	ind	Description		Quantity	Size
Decon Group	E	Equipment: D	Decon	Detergent Wa 26')	shout of BOAT (16'-	8 each	16 - 24 feet
Decon Group	E	Equipment: D	Decon	Detergent Wa 35')	shout of BOAT (28'-	1 each	28 - 35 feet
Decon Group		Decon Perso	nnel	Decon Persor	inel	3 each	
			Assigi	nments			
Launch) or shore side (Join Decontamination of equipm Management Plan.	nt Discharg nent will be	e canal and	Star Lake Can	al upstream of bridge ed Decontamination F) locations as approp	riate. se with the \	Vaste
Launch) or shore side (Join Decontamination of equipm Management Plan. Upon completion of the gro located at 6200 Procter St. The EcoWerks facility will i	nt Discharg ment will be oss deconta . Extension	e canal and conducted particles are conducted particles. amination, the particles are conducted particles.	Star Lake Can per the approve e vessels will b , TX, 77642.	al upstream of bridge ed Decontamination F be transported to an ir) locations as approp	riate. se with the \ lity, EcoWe	Vaste rks,
Launch) or shore side (Join Decontamination of equipromanagement Plan. Upon completion of the group of the g	nt Discharg ment will be oss deconta . Extension manage all	e canal and conducted particular, the port Arthur, collected was	Star Lake Can per the approve e vessels will by TX, 77642. Taste and waste	al upstream of bridge ed Decontamination F be transported to an ir) locations as approp	riate. se with the \ lity, EcoWe	Vaste rks,
Launch) or shore side (Join Decontamination of equipromanagement Plan. Upon completion of the group of the g	nt Discharg ment will be oss deconta . Extension manage all	e canal and conducted particular, the port Arthur, collected was	Star Lake Can per the approve e vessels will by TX, 77642. Taste and waste	al upstream of bridge ed Decontamination F be transported to an in water according to th) locations as approp	riate. se with the \ lity, EcoWe	Vaste rks,
Launch) or shore side (Join Decontamination of equipment Plan. Upon completion of the grollocated at 6200 Procter St. The EcoWerks facility will authorized by permit.	nt Discharg ment will be oss deconta Extension manage all	e canal and conducted particular, amination, the port Arthur, collected was	Star Lake Can per the approve e vessels will b TX, 77642. aste and waste Special In all times.	al upstream of bridge ed Decontamination F be transported to an in water according to th) locations as approp	riate. se with the \ lity, EcoWe	Vaste rks,
Launch) or shore side (Join Decontamination of equipment Plan. Upon completion of the grolocated at 6200 Procter St. The EcoWerks facility will authorized by permit. Use proper PPE and maint Report any oiled or distres	nt Discharg ment will be oss deconta Extension manage all tain commu	e canal and conducted particular, amination, the port Arthur, collected was unications at	Star Lake Can per the approve e vessels will b TX, 77642. aste and waste Special In all times. 4725.	al upstream of bridge ed Decontamination For transported to an inwater according to the structions) locations as approproactions and in accordance	riate. se with the N lity, EcoWe nt plans an	Vaste rks,
Launch) or shore side (Join Decontamination of equipment Plan. Upon completion of the grolocated at 6200 Procter St. The EcoWerks facility will authorized by permit. Use proper PPE and mainted Report any oiled or distres	nt Discharg ment will be oss deconta . Extension manage all tain commused wildlife	e canal and conducted particular, amination, the port Arthur, collected was unications at to 409-239-	Star Lake Can per the approve e vessels will b TX, 77642. aste and waste Special In all times. 4725. ming back, plea	al upstream of bridge ed Decontamination For transported to an inwater according to the structions) locations as appropriant and in accordance and	riate. se with the N lity, EcoWe nt plans an	Vaste rks,
The vessels will be remove Launch) or shore side (Join Decontamination of equipmed Management Plan. Upon completion of the grolocated at 6200 Procter St. The EcoWerks facility will rauthorized by permit. Use proper PPE and maint Report any oiled or distress DEMOBILIZATION: For personnel LEAVING the	nt Discharg ment will be oss deconta . Extension manage all tain commused wildlife	e canal and conducted particular, amination, the port Arthur, collected was unications at to 409-239-	Star Lake Can per the approve e vessels will b TX, 77642. aste and waste Special In all times. 4725. ming back, plea	al upstream of bridge ed Decontamination For transported to an inwater according to the structions) locations as appropriant and in accordance and	riate. se with the N lity, EcoWe nt plans an	Vaste rks,
Launch) or shore side (Join Decontamination of equipment Plan. Upon completion of the grolocated at 6200 Procter St. The EcoWerks facility will authorized by permit. Use proper PPE and mainted Report any oiled or distress	nt Discharg ment will be oss deconta Extension manage all tain commused wildlife	e canal and conducted particular, amination, the port Arthur, collected was unications at to 409-239-	Star Lake Can per the approve e vessels will b TX, 77642. aste and waste Special In all times. 4725. ming back, plea	al upstream of bridge ed Decontamination For transported to an inwater according to the structions) locations as appropriant and in accordance and	riate. se with the N lity, EcoWe nt plans an	Vaste rks,
Launch) or shore side (Join Decontamination of equipment Plan. Upon completion of the grolocated at 6200 Procter St. The EcoWerks facility will nauthorized by permit. Use proper PPE and main Report any oiled or distress DEMOBILIZATION: For personnel LEAVING the Management Policy of the Policy	nt Discharg ment will be oss deconta Extension manage all tain commused wildlife ne incident	e canal and conducted particular, amination, the port Arthur, collected was unications at to 409-239-	Star Lake Can per the approve e vessels will b TX, 77642. aste and waste Special In all times. 4725. ming back, plea	al upstream of bridge ed Decontamination For transported to an inwater according to the structions	Plan and in accordance Industrial cleaning facioneir waste manageme B upon safe return horganment	riate. se with the N lity, EcoWe nt plans an	Vaste rks, d as

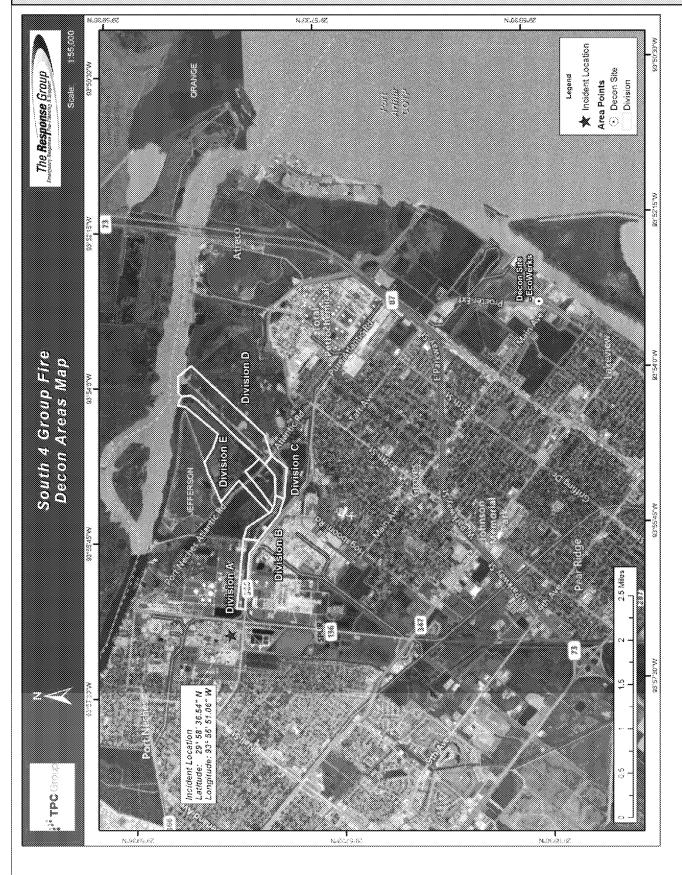
ICS 204 - Assignment Lis	t		Group: Decon Grou
ncident Name: South 4 Group F	ire	Period: Period 13 [12/12	2/2019 06:00 - 12/14/2019 06:00
	Special Environmen	ntal Considerations	
Follow approved Decontamination	on Plan.		
vas observed.	Wildlife Hotline at 409-239-4725	by call or text and provide where	e, what and when the wildlife
f an alligator wis spotted: Leave the alligator in place. Maintain visual.			
 If alligator displays aggressive 	behavior and safety becomes a		nediately.
Encurs contaminated pool water	Special Site-Specific S		
•	doesn't enter the body of water.		
Monitor air quality while performi	ing task. Immediately leave area	with elevated readings above th	e air monitoring action limit.
Report safety incidents and conc	cerns to your immediate supervis	or.	
CS 204 - Assignment List			Updated 12/08/2019 16:40 UTC -6:0
INCIDENT ACTION PLAN SOFTWARE	Printed 12/11/2019 16:39 UTC -6:00	18 of 104	© TR
MOLDENI ACITON PLAN SUPIWAKE	Franced 12/11/2019 10.39 UTC -0:00	10 01 104	l unit

Incident Name: South 4 Group Fire

Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Group: Decon Group

Decon Sites Map



		Operations Personnel			
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift	
Operations Section Chief	Lynn, Mike			1st Shift	
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift	
Division A Supervisor	Garcia, Thomas	Resolute Environmental	(b) (6)	Day Shift	

1	,				
Resources Required					
Area Of Operation	Resource Kind	Description	Quantity	Size	
Division A	Boom	Boom	300 feet	in	
Division A	Vacuum Truck	Vacuum Truck	2 each	barrel (s)	
Division A	Jon Boat	Jon Boat	4 each	feet	
Division A	UTV	UTV	1 each		
Division A	Sorbent: Boom	Sorbent: Boom	100 feet	inch (es)	
Division A	Wash Pump	2" Wash Pump	3 each	cubic feet/min ute	
Division A	Spill Tech	Spill Tech	20 each		
Division A	Light Plants	Light Plants	3 each		
Division A	Viscous Sweep	Snare/Viscous Sweep	750 each		

Hot Water Pressure Washer

1 each

Division A: From Outfall 001 to Orchard Avenue.

Division A

Maintain sorbent boom and snare; change out as needed; and place in pollution bags for disposal.

Hot Water Pressure Washer

Maintain containment boom lined with sorbent boom in canal north of pump station recover spilled material/sheen with dip nets and place in pollution bags for disposal.

Perform continuous air monitoring and communicate changes in environmental conditions with Group Supervisor.

Be aware of weather constraints and adjust accordingly based on conditions and operational parameters of skimming equipment. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in condition to Group Supervisor.

Offload recovered product to storage assets as needed. Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

Upon completion of assigned task, follow Decontamination Plan to implement decontamination procedures.

Report all wildlife impacts to supervisor immediately.

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ICS 204 - Assignment List		Prepared By IAP Support, t	Jpdated 12/09/2019 15:30 UTC -6:00 PP

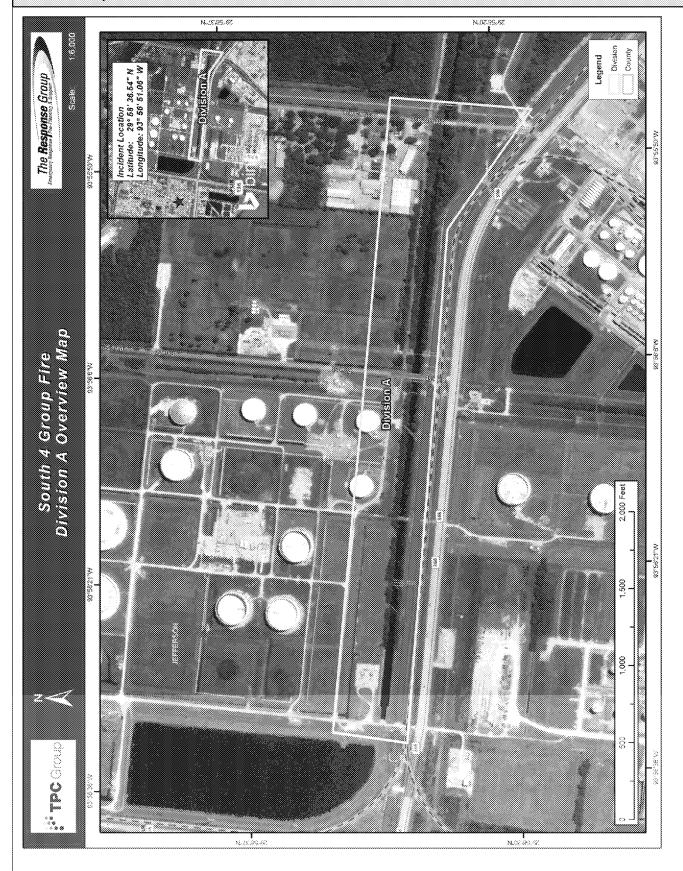
ICS 204 - Assignment List		Division: Division A
Incident Name: South 4 Group Fire	Period: Period 13 [12/12	2/2019 06:00 - 12/14/2019 06:00
Special	Instructions	
Jse proper PPE and maintain communications at all times.		
Report any oiled or distressed wildlife to 409-239-4725.		
DEMOBILIZATION:		
For personnel LEAVING the incident and NOT coming back, p	•	e return home.
Locate Division A: From Outfall 001 to Orchard Avenue.	on of Work	
	plies Needed for Assignment	
Suction Hose, Strainer, Air Compressor (Dual Tank)		
Special Environn	nental Considerations	
Collect runoff utilizing the minimizing hierarchy: Pump to JWW establish response collection of water in frac tanks or other cortesting plan for sampling water to include volatiles, semi-volatiles.	ntainment, boom outfalls to capture	e floating hydrocarbon, establish
If wildlife is spotted, contact the Wildlife Hotline at 409-239-472 was observed. If an alligator wis spotted: 1. Leave the alligator in place. 2. Maintain visual.		
3. If alligator displays aggressive behavior and safety becomes	c Safety Considerations	песіатету.
Wear Level D PPE.	C Salety Considerations	
Be aware of wildlife while working around/near water and high	grassy areas.	
Steep embankments may exist around waterways.	5 7	
Wear flotation device within 3' of bodies of water (canals, deep	ditches etc.)	
Monitor air quality. Immediately leave area with readings eleva	· ·	
mmediately report safety incidents and concerns to your supe		
	TVISOT.	
Stay hydrated.		
CS 204 - Assignment List	Prepared By IAP Support	Updated 12/09/2019 15:30 UTC -6:00 PF

Incident Name: South 4 Group Fire

Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Division: Division A

Division A Map



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ICS 204 - Assignment List		Prepared By IAP Support, I	Jpdated 12/09/2019 15:30 UTC -6:00 PP

ICS 204 - Assignmen	t List				Division: Division B
Incident Name: South 4 Gr	oup Fire		Period: Period	13 [12/12/2019 06:00 -	12/14/2019 06:00]
		Operations	Personnel		
Position	Name	Affiliation		Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group		Ex. 6 Personal Privacy (PP)	2nd Shift

		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift
Division B Supervisor	Williams, Jordan	Resolute Environmental	(b) (6)	Day Shift

Biriololi B Gapoi vicol	Timarrie, Cordan	(b) (c)	Day On		
Resources Required					
Area Of Operation	Resource Kind	Description	Quantity	Size	
Division B	Boom	Boom	900 feet	in	
Division B	Jon Boat	Jon Boat	2 each	feet	
Division B	Response Boat	Response Boat	1 each	feet	
Division B	UTV	UTV	1 each		
Division B	Construction Materials/Supply	Equipment mats	35 each		
Division B	Sorbent: Boom	Sorbent: Boom	1400 feet	inch (es)	
Division B	Wash Pump	2" Wash Pump	2 each	cubic feet/min ute	
Division B	Spill Tech	Spill Tech	12 each		
Division B	Light Plants	Light Plants	1 each		
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					

Snare/Viscous Sweep

300 each

Division B: From Orchard Avenue to the weir dam in the canal

Viscous Sweep

Maintain sorbent boom and snare on each side of Orchard Ave. and change out as needed and place in pollution bags for disposal.

Maintain containment boom lined with sorbent boom in canal north of pump station recover spilled material/sheen with dip nets and place in pollution bags for disposal.

Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.

Dead or impacted wildlife should be immediately reported documented, location noted and possibly collected as evidence.

### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

### **DEMOBILIZATION:**

Division B

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

## Location of Work

Orchard Rd to Weir Dam

INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:39 UTC -6:00	© TRG
		Updated 12/07/2019 17:35 UTC -6:00

ICS 204 - Assignment List	Division: Division E
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Special Enviro	nmental Considerations
	NVTP utilizing diesel pumps; contain runoff onsite, if threat of breach containment, boom outfalls to capture floating hydrocarbon, establish atiles, TOC, test for fire retardant constituents, PFAS, pH.
was observed.	1725 by call or text and provide where, what and when the wildlife
lf an alligator wis spotted: 1. Leave the alligator in place.	
2. Maintain visual.	
<ol><li>If alligator displays aggressive behavior and safety becom</li></ol>	nes an issue, notify Safety Officer immediately.
Special Site-Spec	rific Safety Considerations
Wear Level D PPE.	
Be aware of wildlife while working around/near water and hig	gh grassy areas.
Steep embankments may exist around waterways.	
Wear flotation device within 3' of bodies of water (canals, de	ep ditches, etc.).
Monitor air quality. Immediately leave area with readings ele	evated above the action limit.
Immediately report safety incidents and concerns to your su	pervisor.
Stay hydrated.	

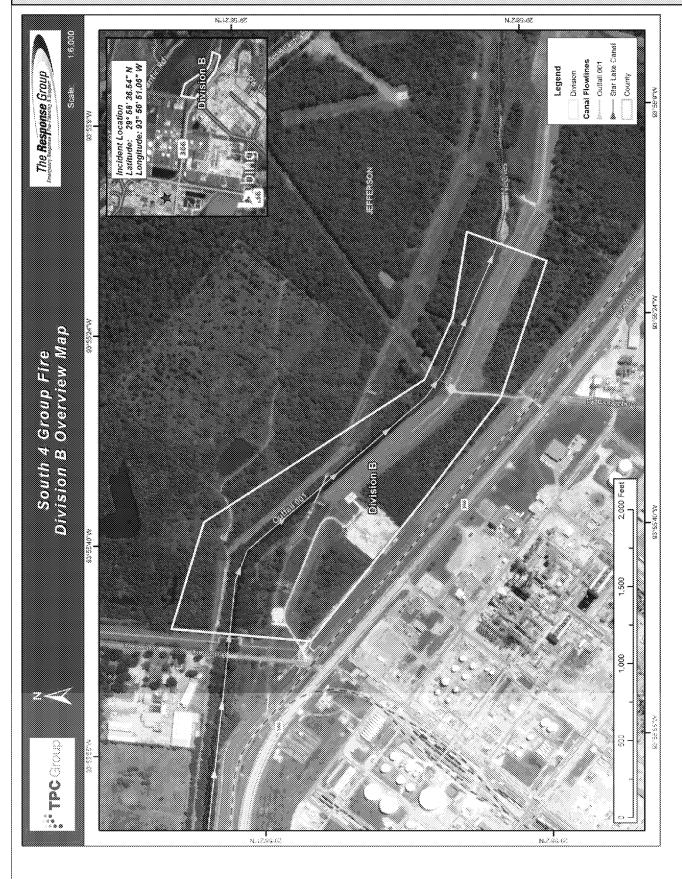
ICS 204 - Assignment List			Updated 12/07/2019 17:35 UTC -6:00
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Incident Name: South 4 Group Fire

Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Division: Division B

## Division B Map



	oup Fire			Period: Perio	od 13 [12/12/2019 06:00	) - 12/14/20	019 06:0
			Operations P	ersonnel			
Position	Name		Affiliation		Contact Number(s	) Work S	hift
Operations Section Chief	Carlton,	Doug	TPC Group		Ex. 6 Personal Privacy (PP)	2nd Sh	ft
Operations Section Chief	Lynn, Mi	ke			i	1st Shif	t
Protection and Recovery Branch Director	Blancha	rd, Cory	Clean Harbors Service Inc. (C	Environmental HES)	337-321-2948	Day Sh	ift
Division C Supervisor	Blancha	anchard, Leland Clean Harbors Environmental Service Inc. (CHES)		(b) (6)	Day Sh	ift	
			Resources F	Required			
Area Of Operation		Resource K	ind	Description		Quantity	Size
Division C		Boom		Boom		1600 feet	in
Division C		Sorbent: Boo	om	Sorbent: Boor	m	1800 feet	inch (es)
Division C		Spill Tech		Spill Tech		10 each	
Division C		Viscous Swe	ер	Snare/Viscou	s Sweep	50 each	
			Assignm	nents			
Maintain boom and snare; Maintain diversion boom lir marsh areas.  Maintain boom across the oplace in pollution bags for o	change on the change of the ch	ut saturated s corbent boom st and east of	sorbent boom at the inlet to the DD7 p	oump station and a	over spilled material/sho	en with dip	
Maintain boom and snare; Maintain diversion boom lir marsh areas.  Maintain boom across the o place in pollution bags for o Any ineffective strategies o Be aware of weather const area. Communicate change Dead or impacted wildlife s	change oned with secanal west disposal. For boom faraints and es in conditional desirations and the secanal desirations are desirated as the secanal desiration desirations and the secanal desirations are desirated as the secanal desiration desirations and the secanal desirations are desirated as the secanal desiration desirated and the secanal desirations and the secanal desirations and the secanal desirations are desirated as the secanal desiration desiration desirated as the secanal desiration desirated as the secanal desiration desirated as the secanal desiration desirated as	ut saturated storbent boom st and east of ailures will be did adjust accorditions with Brimmediately in the store of the s	sorbent boom at the inlet to the DD7 pump st immediately repordingly. If weather ranch Director.	oump station and a ation inlet and reco rted to the Recove deteriorates to an nted, location noted	over spilled material/shory & Protection Branch unsafe condition proce	een with dip Director. ed to neare	o nets a est safe
Maintain boom and snare; Maintain diversion boom lir marsh areas.  Maintain boom across the o place in pollution bags for o Any ineffective strategies o Be aware of weather const area. Communicate change Dead or impacted wildlife s Follow Waste Managemen	change on the change of the ch	ut saturated storbent boom st and east of ailures will be diadjust accorditions with Britinmediately discoordinate versions.	sorbent boom at the inlet to the DD7 pump st immediately repordingly. If weather ranch Director. reported documer with Waste Manage Special Inst.	ation inlet and recorded to the Recover deteriorates to an anted, location noted gement Group Sup	over spilled material/shory & Protection Branch unsafe condition proce	een with dip Director. ed to neare	o nets a
Maintain boom and snare; Maintain diversion boom lir marsh areas.  Maintain boom across the o place in pollution bags for o Any ineffective strategies o Be aware of weather const area. Communicate change Dead or impacted wildlife s Follow Waste Managemen	change oned with second westisposal. The properties of the concestion of the concession of the concestion of the concest	ut saturated storbent boom st and east of ailures will be diadjust accorditions with Britinmediately discoordinate versions.	sorbent boom at the inlet to the DD7 pump st immediately repordingly. If weather ranch Director. reported documer with Waste Manage Special Inst.	ation inlet and recorded to the Recover deteriorates to an anted, location noted gement Group Sup	over spilled material/shory & Protection Branch unsafe condition proce	een with dip Director. ed to neare	o nets ar
Maintain boom and snare; Maintain diversion boom lir marsh areas.  Maintain boom across the o place in pollution bags for o Any ineffective strategies o Be aware of weather const area. Communicate change Dead or impacted wildlife s Follow Waste Managemen Use proper PPE and maint	change on the change of the ch	ut saturated storbent boom at and east of ailures will be diadjust accorditions with Brimmediately discoordinate valunications at	the DD7 pump st immediately reported documer with Waste Manage Special Instance.	ation inlet and recorded to the Recover deteriorates to an anted, location noted gement Group Sup	over spilled material/shory & Protection Branch unsafe condition proce	een with dip Director. ed to neare	o nets a est safe
Division C: From the weir of Maintain boom and snare; Maintain diversion boom liming marsh areas.  Maintain boom across the oplace in pollution bags for of Any ineffective strategies of Be aware of weather constarea. Communicate changed Dead or impacted wildlife strollow Waste Managemen  Use proper PPE and maintain Report any oiled or distress DEMOBILIZATION: For personnel LEAVING the Weir Dam to Atlantic Rd.	change on the change of the ch	ut saturated storbent boom at and east of ailures will be adjust accorditions with Britinmediately a coordinate valuations at a to 409-239-	the DD7 pump st immediately reported documer with Waste Manage Special Institute 14725.	ation inlet and recorded to the Recover deteriorates to an anted, location noted gement Group Suppructions	over spilled material/shory & Protection Branch unsafe condition proced and possibly collected ervisor as required.	een with dip Director. ed to neare as eviden	o nets ar

ICS 204 - Assignment List	Division: Division C
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00
Special Environment	tal Considerations
Collect runoff utilizing the minimizing hierarchy: Pump to JWWTP testablish response collection of water in frac tanks or other contain testing plan for sampling water to include volatiles, semi-volatiles,	nment, boom outfalls to capture floating hydrocarbon, establish
If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by was observed. If an alligator wis spotted: 1. Leave the alligator in place. 2. Maintain visual. 3. If alligator displays aggressive behavior and safety becomes an	
Special Site-Specific Sa	afety Considerations
Be aware of wildlife while working around/near water and high gras	ssy areas.
Steep embankments may exist around waterways.	
Wear flotation device within 3' of water.	
Monitor air quality. Immediately leave area with readings elevated	above the action limit.
Immediately report safety incidents and concerns to your superviso	
	oi.
Stay hydrated.	

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ICS 204 - Assignment List

INCIDENT ACTION PLAN SOFTWARE  $^{\text{\tiny TM}}$ 

Incident Name: South 4 Group Fire

Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Division: Division C

## Division C Map



ICS 204 - Assignment List Prepared By Operations, Updated 12/10/2019 07:53 UTC -6:00 PP

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Operations Section Chief Operations Section Chief Protection and Recovery Branch Director	Name Carlton, E Lynn, Mik			renou. Peno	d 13 [12/12/2019 06:0	ur - 17/14/70	אט:סט פונ
Operations Section Chief Operations Section Chief Protection and Recovery Branch Director	Carlton, E Lynn, Mik		~ · · · · ~		a 10 [12/12/2010 00:0	12/11/20	
Operations Section Chief Operations Section Chief Protection and Recovery Branch Director	Carlton, E Lynn, Mik		Operations Per	sonnel	Ocatost Namber	-) 14//- 6	1. 154
Operations Section Chief Protection and Recovery Branch Director	Lynn, Mik	<b>1</b>	Affiliation		Contact Number(		~~~~~
Protection and Recovery Branch Director	ļ		TPC Group		Ex. 6 Personal Privacy (PP)	2nd Shi	
Branch Director	iBianchair		Olean Herbert		207 204 2040	1st Shif	
Division D Supervisor	Diamonar	a, Cory	Clean Harbors En		337-321-2948	Day Sh	π
	Bowers, [	Daniel	Resolute Environ		(b) (6)	Day Sh	ift
			Resources Red	quired			
Area Of Operation		Resource K	ind	Description		Quantity	Size
Division D		Boom		Boom		2100 feet	in
Division D	,	Jon Boat		Jon Boat		1 each	feet
Division D		Response B	oat	Response Boa	at	1 each	feet
Division D			Materials/Supply	Equipment ma		35 each	
Division D		Sorbent: Boo		Sorbent: Boon		2000 feet	inch (es)
Division D		Spill Tech	***************************************	Spill Tech	***************************************	10 each	
Maintain boom across the mof Star Lake Canal.  Any ineffective strategies or Be aware of weather constructed. Communicate change Dead or impacted wildlife should be stronged to the contract of the contract	r boom fai raints and es in condi hould be i	lures will be adjust accor itions with B mmediately	immediately reporte rdingly. If weather de ranch Director. reported documente	d to the Recover eteriorates to an o	y & Protection Branch unsafe condition proce and possibly collecte	Director.	est safe
Use proper PPE and mainta	ain commi	unications at	Special Instru	ctions			
p p = 2 = 3114 1141110							
Report any oiled or distress	ocu Wilalile	; (U <del>4</del> U3-∠33 [.]	T1 ( L).				

ICS 204 - Assignment List	Division: Division D
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Special Environmen	ntal Considerations
Collect runoff utilizing the minimizing hierarchy: Pump to JWWTP establish response collection of water in frac tanks or other contaitesting plan for sampling water to include volatiles, semi-volatiles,	inment, boom outfalls to capture floating hydrocarbon, establish
If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 the was observed.  If an alligator wis spotted:  1. Leave the alligator in place.  2. Maintain visual.  3. If alligator displays aggressive behavior and safety becomes an	
Special Site-Specific S	Safety Considerations
Be aware of wildlife while working around/near water and high gra	assy areas.
Steep embankments may exist around waterways. Wear flotation	device within 3' of water.
Monitor air quality. Immediately leave area with readings elevated	I above the action limit.
Report safety incidents and concerns to your immediate superviso	or.
Stay hydrated.	
ICS 204 - Assignment List	Prepared By Operations, Updated 12/07/2019 16:40 UTC -6:00 PP

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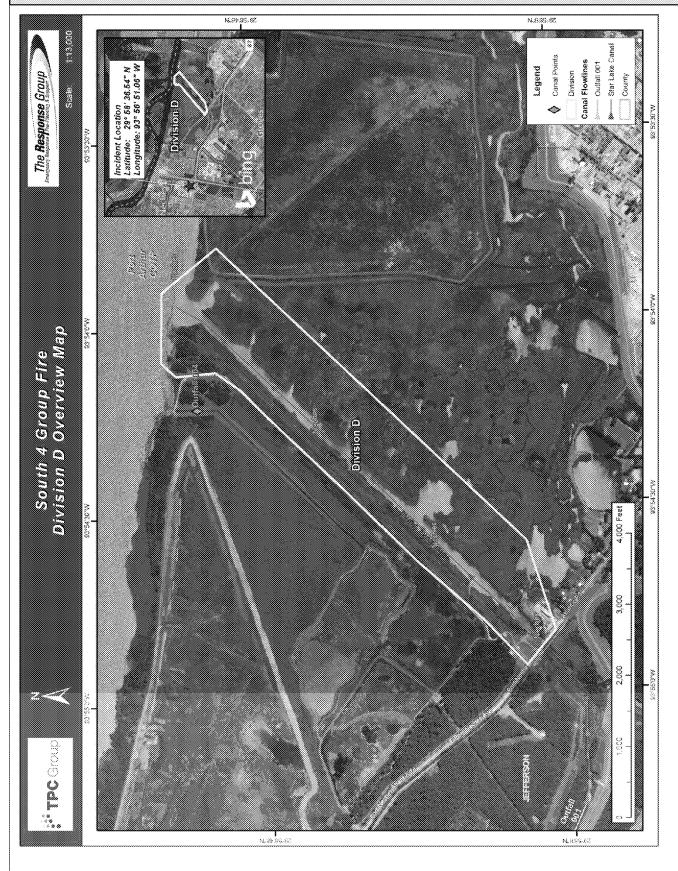
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Incident Name: South 4 Group Fire

Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Division: Division D

# Division D Map



		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift
Division E Supervisor	Williams, Jordan	Resolute Environmental	(b) (6)	Day Shift

### Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division E	Boom	Boom	600 feet	in
Division E	Sorbent: Boom	Sorbent: Boom	1000 feet	inch (es)
Division E	Spill Tech	Spill Tech	5 each	

### **Assignments**

Division E: Huntsman outfall wetlands canal from Star Lake Canal to Port Neches Atlantic Rd.

Maintain boom and sorbent boom across the canal as well as containment boom on northeast side of Port Neches Atlantic Rd.

Maintain hard boom across the canal at outfall to the Neches River.

Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.

Dead or impacted wildlife should be immediately reported documented, location noted and possibly collected as evidence.

Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

#### DEMOBILIZATION:

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

### Location of Work

Huntsman Outfall Canal to Atlantic Ave

### Special Environmental Considerations

Collect runoff utilizing the minimizing hierarchy: Pump to JWWTP utilizing diesel pumps; contain runoff onsite, if threat of breach establish response collection of water in frac tanks or other containment, boom outfalls to capture floating hydrocarbon, establish testing plan for sampling water to include volatiles, semi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.

If an alligator wis spotted:

- 1. Leave the alligator in place.
- 2. Maintain visual.
- 3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:39 UTC -6:00	32 of 104	© TRG
ICS 204 - Assignment List		Prepared By Operations, I	Updated 12/07/2019 17:12 UTC -6:00 PP

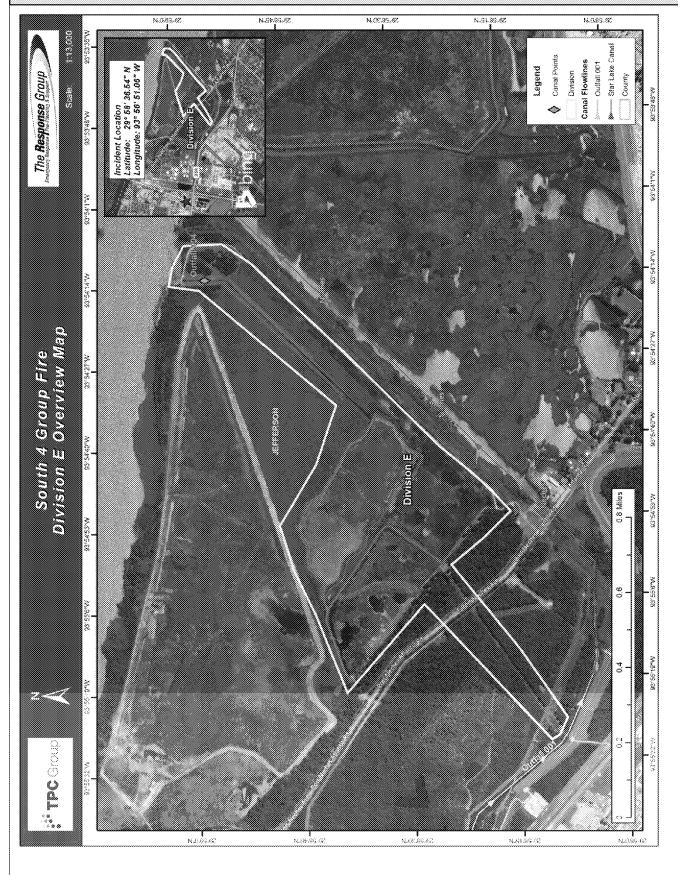
ICS 204 - Assignment Lis	it		Division: Division E
Incident Name: South 4 Group F	Fire	Period: Period 13 [12/12	2/2019 06:00 - 12/14/2019 06:00]
	Special Site-Specific	Safety Considerations	
Be aware of wildlife while workir	ng around/near water and high g	rassy areas.	
Steep embankments may exist a	around waterways. Wear flotatio	n device within 3' of water.	
Monitor air quality. Immediately	leave area with readings elevate	ed above the action limit.	
Report safety incidents and con-	cerns to your immediate supervi	sor.	
Stay hydrated.			
ICS 204 - Assignment List		Prenared Rv Operations	Updated 12/07/2019 17:12 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:39 UTC -6:00	33 of 104	© TRG

Incident Name: South 4 Group Fire

Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Division: Division E

## Division E Map



ICS 204 - Assignment List	Group: Environmental Sampling Group
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Operations	Personnel

Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group		2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Director			Ex. 6 Personal Privacy (PP)	
Environmental Specialist	Broomes, Ebunoluwa	TPC Group		Day Shift
Env Sampling Group	Allaby, Eric	СТЕН	(b) (6)	Day Shift
Env Sampling Group	Gueringer, Jeremy	СТЕН	(b) (6)	Night Shift
Env Sampling Group	Tighe, Daniel	EPA Region 6	713-397-1550	Day Shift
Support Services Branch Director	Jaschek, Rebecca	TPC Group		Night Shift
Support Services Branch Director	Sanders, Jason	TPC Group	Ex. 6 Personal Privacy (PP)	Day Shift
Environmental Specialist	Miller, Mike	TPC Group		Day Shift
Support Services Branch Director	Wnek, Shawn	СТЕН	(b) (6)	Day Shift
Support Services Branch Director	Easton, Linda	СТЕН	(b) (6)	Day Shift

Resources Required					
Area Of Operation	Resource Kind	Description	Quantity	Size	
Environmental Sampling Group	Environmental Specialist	CTEH Sampling Specialist	3 each		
Environmental Sampling Group	Environmental Specialist	EPA Sampling Specialist	2 each		
Environmental Sampling Group	Environmental Specialist	TCEQ Sampling Specialist	3 each		
Environmental Sampling Group	Environmental Specialist	Env Lab Liaison	1 each		
Environmental Sampling Group	Environmental Specialist	Environmental Lead (CTEH)	1 each		
Environmental Sampling Group	Toxicologist	Toxicologist - Env Sampling (CTEH)	2		
Environmental Sampling Group	Manpower: Responder	Courier for Lab	3 each		

## TPC (CTEH)

One team of 3 personnel will be deployed to collect surface water samples at 5 designated locations daily (and 4 on demand locations) in accordance with the UC-approved Environmental Sampling and Analysis Plan (ESAP).

One strike team will be available to collect additional samples as directed outside of the previously established sample locations, following the sample collection and handling protocols established in the ESAP. CTEH collected samples will be collected and submitted to Pace Lab. Sample COCs will be documented as a SIERA. Personnel will transport and deliver samples to EAS and will return samples to the EOC where PACE lab will currier them to their Houston laboratory.

## FOSC

One water sampling team (2 personnel) will sample 6 established locations in accordance with their Sampling and Analysis Plan (SAP). Additional analysis will be performed for Polyfluoro Alkali Substances (PFAS).

### SOSC

TCEQ water sampling team (3 personnel) will continue sampling, as needed.

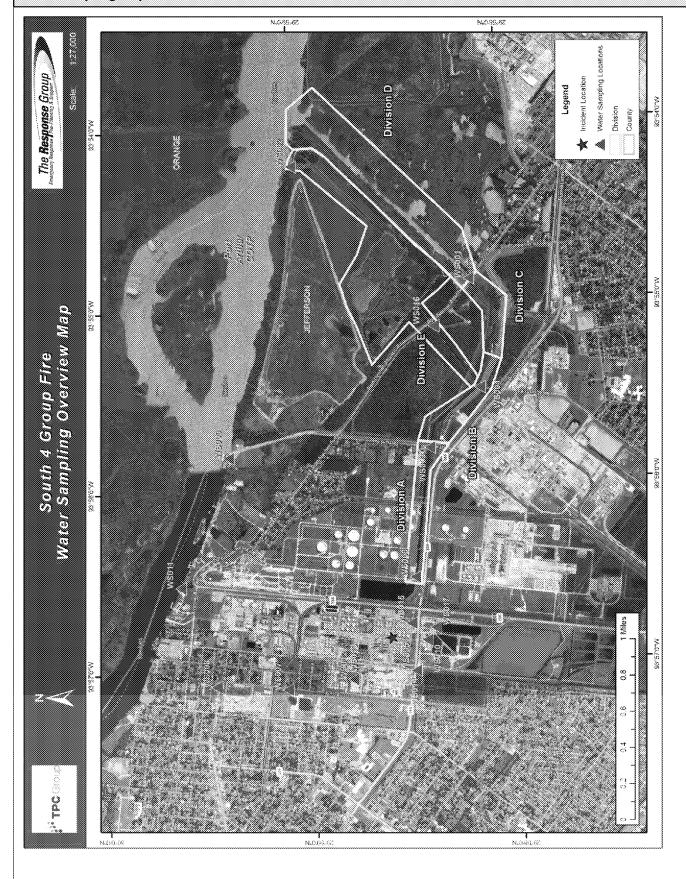
ICS 204 - Assignment List			Updated 12/11/2019 10:08 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:39 UTC -6:00	35 of 104	© TRG

ICS 204 - Assignment Lis	st	Group	: Environmental Sampling Grou
Incident Name: South 4 Group F	Fire	Period: Period 13 [12/12	2/2019 06:00 - 12/14/2019 06:00
	Special I.	nstructions	
Use proper PPE and maintain co	ommunications at all times.		
Report any oiled or distressed w	vildlife to 409-239-4725.		
DEMOBILIZATION:			
For personnel LEAVING the inci		ease call 713-748-9108 upon safe	return home.
Sampling Kits	Special Equipment / Supp	lies Needed for Assignment	
Sumpling rates	Special Environme	ental Considerations	
Follow approved Sampling Plan			
was observed. If an alligator wis spotted: 1. Leave the alligator in place. 2. Maintain visual.	e behavior and safety becomes	5 by call or text and provide where an issue, notify Safety Officer imr	
Wear Level D PPE.	Special Site-Specific	Safety Considerations	
Be aware of wildlife while workin	ng around/near water and high g	grassy areas.	
Steep embankments may exist a	around waterways.		
Wear flotation device within 3' of	f bodies of water (canals, deep	ditches, etc.).	
Monitor air quality. Immediately			
Immediately report safety incide	-		
• •	nto and concerns to your super	VISO1.	
Stay hydrated.			
ICS 204 - Assignment List		1	
INCIDENT ACTION PLAN SOFTWARE	Printed 12/11/2019 16:39 UTC -6:00	36 of 104	Updated 12/11/2019 10:08 UTC -6:0

Incident Name: South 4 Group Fire

Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

# Water Sampling Map



		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group		2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Fire Suppression Group Supervisor	Holley, Chad	TPC Group	Ex. 6 Personal Privacy (PP)	Day Shift
Fire Suppression Group Supervisor	Williams, James	TPC Group		Night Shift

			L	
	Resource	s Required		
Area Of Operation	Resource Kind	Description	Quantity	Size
Fire Suppression Group	Fire Monitor	Fire Monitor	18 each	
Fire Suppression Group	Fire Fighters	Fire Fighters	18 each	
Fire Suppression Group	Fire Pumps	Fire Pumps	9 each	cubic feet/min ute
Fire Suppression Group	Vehicle: Fire Engine	Ladder Truck (Tower)	1 each	
Fire Suppression Group	Decon Trailer	Decon Trailer	1 each	feet
Fire Suppression Group	Trailer	Person Rehab Trailer	1 each	feet
Fire Suppression Group	Fire Fighting Foam	Vapor Suppression Foam	325 gallon (s)	each
Fire Suppression Group	Equipment: Safety	Temperature Sensor	10 each	

## Assignments

Continue to conduct fire suppression response activities.

Applying water to the site and adjacent areas to ensure cooling and prevent re-ignition as needed.

Continue to utilize available portable fire pumps and fire apparatus to assist firefighting efforts.

Consider wind speed, direction and heading to manage smoke.

Maintain the established primary and secondary boundaries and rally point at the site.

Utilize manned/unmanned fire monitors and other resources to apply water to extinguish fire and possible use of foam for vapor suppression.

Coordinate decontamination needs of the affected area, personnel and equipment.

#### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

### **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

	Communications
Name / Function	Contact Details
Safety / Safety	Safety 1
Multi Agency Radio /	Multi Agency Radio 4

ICS 204 - Assignment List			Openios 12 0112 10 10 10 10 10 10 10 10 10 10 10 10 10
INCIDENT ACTION PLAN SOFTWARE™   Pi	Printed 12/11/2019 16:39 UTC -6:00	38 of 104	© TRG

ICS 204 - Assignment List	Group: Fire Suppression Group
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Special Environme	ntal Considerations
Third party to assist with air monitoring, following Air Sampling Pl period.	an. Provide data to the agencies. See Air Monitoring plan
If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 was observed. If an alligator wis spotted: 1. Leave the alligator in place. 2. Maintain visual. 3. If alligator displays aggressive behavior and safety becomes a	
Special Site-Specific S	-
Wear full bunker gear with SCBA. Stay upwind of the smoke plur	ne. Maintain visual on the fire. Maintain safe distance from fires.
Maintain awareness to surrounding structures and line of fire for	falling debris.
Monitor air quality while within the Exclusion Zone.	
Immediately report safety incidents and concerns to the Incident	Commander.
Stay hydrated.	
ICS 204 - Assignment List	Updated 12/07/2019 15:57 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE™ Printed 12/11/2019 16:39 UTC -6:00	39 of 104 © TRG

Incident Name: South 4 Group Fire Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Fire Suppression Group



ICS 204 - Ass	ignment List		Group:	SCAT Group
		1		1

Incident Name: South 4 Group Fire Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Director				
SCAT Coordinator	Simmons Robert	CTEH	(b) (6)	Day Shift

				ired

Area Of Operation	Resource Kind	Description	Quantity	Size
SCAT Group	Vessel	SCAT Boat	1 each	feet
SCAT Group	SCAT Team	USCG-SCAT Team	1 each	
SCAT Group	SCAT Team	TCEQ-SCAT Team	1 each	
SCAT Group	SCAT Team	TGLO SCAT Team	2 each	
SCAT Group	SCAT Team	Huntsman Rep SCAT Team	1 each	
SCAT Group	SCAT Team	TPWS SCAT Team	1 each	
SCAT Group	SCAT Team	TCP/CTEH SCAT Team	1 each	

# Assignments

(1) Shoreline Cleanup Assessment Team (SCAT) consisting of 8 people:

2 CTEH (RP rep)

- 1 FOSC Rep USCG
- 1 SOSC Rep TCEQ
- 1 TGLO Rep
- 1 TPWS Rep
- 1 Clean Harbors
- 1 Landowner (Huntsman)

Will conduct an assessment of affected and non-affected shoreline, and clean up activity by foot and boat (as needed) from the Joint Discharge to the Neches River to determine what further actions are necessary for cleanup, monitoring and maintenance.

The SCAT Team will also coordinate with and facilitate wildlife surveys response activity with Wildlife personnel on call.

The SCAT Team will act as SCAT-OPS liaison reactive to Shoreline Treatment Methods and Endpoint Assessment.

Specific mission assignment for the subsequent day will be determined by the SCAT Coordinator each day after field teams return.

Each SCAT member must attend tailgate safety prior to beginning the work day.

#### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

### **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

INCIDENT ACTION PLAN SOFTWARE TM	Printed 12/11/2019 16:40 UTC -6:00	41 of 104	© TRG
ICS 204 - Assignment List			Updated 12/09/2019 11 32 UTC -6:00

ICS 204 - Assignment List		Group: SCAT Grou
Incident Name: South 4 Group Fire	Period: Perio	id 13 [12/12/2019 06:00 - 12/14/2019 06:00
	ipment / Supplies Needed for Assig	
SCAT data collector		
vehicles		
	cial Environmental Considerations	
Follow SCAT Plan. Conduct rapid assessment to agreed upon criteria for clean up.	evaluate effectiveness of the cleanu	p efforts and ensure they meet the final
If wildlife is spotted, contact the Wildlife Hotline awas observed.  If an alligator wis spotted:	t 409-239-4725 by call or text and pro	ovide where, what and when the wildlife
1. Leave the alligator in place. 2. Maintain visual. 3. If alligator displays aggressive behavior and s	afety becomes an issue, notify Safety	Officer immediately.
Specia	l Site-Specific Safety Consideration	ns
Be aware of wildlife while working around/near w	ater and high grassy areas.	
Steep embankments may exist around waterway	s. Wear flotation device within 3' of w	vater.
Monitor air quality. Immediately leave area with r	eadings elevated above the action lin	nit.
Report safety incidents and concerns to your imr		
Stay hydrated.		
ICS 204 - Assignment List		Updated 12/09/2019 11:32 UTC -6:0

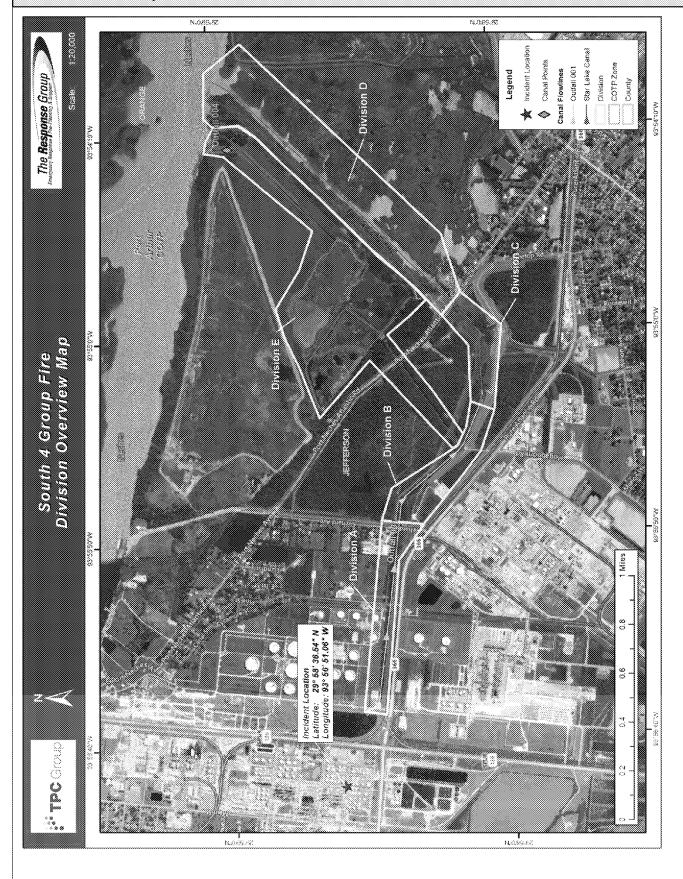
# ICS 204 - Assignment List

Incident Name: South 4 Group Fire

Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Group: SCAT Group

## Division Overview Map



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ICS 204 - Assignment List			

	roup Fire		Period: Period	13 [12/12/2019 06:0	00 - 12/14/20	019 06:00	
Incident Name: South 4 G	Toup i iic	Operations		10 [12/12/2010 00:0	JO - 12/14/2		
Position	Name	Affiliation	r ersonner	Contact Number(	s) Work S	hift	
Operations Section Chief	Carlton, Doug	TPC Group		Contact Number	2nd Sh		
Operations Section Chief	Lynn, Mike	1FC Gloup	***************************************		1st Shit		
*	Picou, Clint			Ex. 6 Personal Privacy (PP)	) <del> </del>	Day Shift Night Shift	
Supervisor					<del></del>		
Supervisor	Davis, James	TPC Group	Remained	<u> </u>	]   INIGIIL S	HIIL	
Aros Of Operation	Resource	Resources	Description		Quantity	Size	
Area Of Operation  Tank Stabilization Group		r: Responder	Inhibitor Injection	n Team 1 Day	3 each	Size	
Tank Stabilization Group	Foreman	i. Nespondei		n Team 1 Leader	1 each		
Tank Stabilization Group	Mannowe	r: Responder	Inhibitor Injection	n Team 2 Night	3 each		
Tank Stabilization Group  Tank Stabilization Group	Foreman	1. 1163pulluel		n Team 2 Leader	1 each	+	
•			Night				
Tank Stabilization Group	Foreman		Day	n Team 2 Leader	1 each		
Tank Stabilization Group	Foreman		Night	n Team 1 Leader	1 each		
Tank Stabilization Group		Manpower: Responder		n Team 2 Day	3 each		
Tank Stabilization Group		r: Responder	Inhibitor Injection	n Team 1 Night	3 each		
Tank Stabilization Group		r: Responder	Pipefitter-Day		1 each		
Tank Stabilization Group		r: Responder	Electrician-Day		1 each		
Tank Stabilization Group	Manpowe	r: Responder	Pipefitter-Night		1 each		
Tank Stabilization Group	Manpowe	r: Responder	Electrician-Night	i	1 each		
Injection of DEHA into criti	ical Butadiene tanks	<b>Assign</b> in Blocks 3, 5, 8, 1	ments			eams	
Tank Stabilization Group Injection of DEHA into criti along with a 1 electrician a	ical Butadiene tanks and 1 pipefitter on da	Assignation Blocks 3, 5, 8, 19 and night.	ments	erial; 2 day teams a		eams	
njection of DEHA into criti along with a 1 electrician a	ical Butadiene tanks and 1 pipefitter on da Special Ed	Assignation Blocks 3, 5, 8, 19 and night.	<i>ments</i> 3; to help stabilize mat	erial; 2 day teams a		eams	
njection of DEHA into criti along with a 1 electrician a	ical Butadiene tanks and 1 pipefitter on da Special Ed	Assignation Blocks 3, 5, 8, 19 and night.	<i>ments</i> 3; to help stabilize mat	erial; 2 day teams a ment		eams	
Injection of DEHA into criti	ical Butadiene tanks and 1 pipefitter on da Special Ed Spec	Assignation Blocks 3, 5, 8, 19 and night.	ments  3; to help stabilize mate	erial; 2 day teams a ment		eams	
Injection of DEHA into criti along with a 1 electrician a Injection Kit for each team Maintain awareness to sur Monitor air quality while pe	ical Butadiene tanks and 1 pipefitter on da  Special Ed  Special Ed  Trounding structures.  erforming task. Imme	Assignation Blocks 3, 5, 8, 15 and night.  Guipment / Supplication Site-Specific Site-	ments 3; to help stabilize mate es Needed for Assign fafety Considerations irator with elevated rea	erial; 2 day teams a ment	and 2 night to		
Injection of DEHA into critical along with a 1 electrician a Injection Kit for each team  Maintain awareness to sur  Monitor air quality while perlimit.	ical Butadiene tanks and 1 pipefitter on da  Special Ed  Special Ed  Trounding structures.  erforming task. Imme	Assignation Blocks 3, 5, 8, 15 and night.  Guipment / Supplication Site-Specific Site-	ments 3; to help stabilize mate es Needed for Assign fafety Considerations irator with elevated rea	erial; 2 day teams a ment	and 2 night to		
Injection of DEHA into critical along with a 1 electrician a Injection Kit for each team  Maintain awareness to sur  Monitor air quality while perlimit.  Immediately report safety in Stay hydrated.	Special Educations Special Educa	Assignation Blocks 3, 5, 8, 15 and night.  Guipment / Supplication Site-Specific Site-	ments 3; to help stabilize mate es Needed for Assign fafety Considerations irator with elevated rea	erial; 2 day teams a ment	and 2 night to		
Injection of DEHA into critical along with a 1 electrician a Injection Kit for each team  Maintain awareness to sur  Monitor air quality while perimit.	Special Educations Special Educa	Assignation Blocks 3, 5, 8, 15 and night.  Guipment / Supplication Site-Specific Site-	ments 3; to help stabilize mate es Needed for Assign fafety Considerations irator with elevated rea	erial; 2 day teams a ment	and 2 night to		
njection of DEHA into criticalong with a 1 electrician and injection Kit for each team Maintain awareness to sur Monitor air quality while perimit.  In the modification of the perimit of	Special Educations Special Educa	Assignation Blocks 3, 5, 8, 15 and night.  Guipment / Supplication Site-Specific Site-	ments 3; to help stabilize mate es Needed for Assign fafety Considerations irator with elevated rea	erial; 2 day teams a ment	and 2 night to		
njection of DEHA into criticalong with a 1 electrician and injection Kit for each team  Maintain awareness to sur  Monitor air quality while perimit.  mmediately report safety in the start of the star	Special Educations Special Educa	Assignation Blocks 3, 5, 8, 15 and night.  Guipment / Supplication Site-Specific Site-	ments 3; to help stabilize mate es Needed for Assign fafety Considerations irator with elevated rea	erial; 2 day teams a ment	and 2 night to		
Injection of DEHA into critical along with a 1 electrician a Injection Kit for each team  Maintain awareness to sur  Monitor air quality while perimit.  Immediately report safety in Stay hydrated.	Special Editor Specia	Assignation Blocks 3, 5, 8, 15 and night.  Guipment / Supplication Site-Specific Site-	ments 3; to help stabilize mate es Needed for Assign fafety Considerations irator with elevated rea	erial; 2 day teams a	and 2 night to	action	

Incident Name: South 4 Group Fire Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Tank Stabilization Group



 ICS 204 - Assignment List
 Task Force: TF-Outfall 201

 Incident Name: South 4 Group Fire
 Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift
Task Force Leader	Garcia, Thomas	Clean Harbors Environmental Service Inc. (CHES)	(b) (6)	Day Shift

### Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size	
TF-Outfall 201	Vacuum Truck	Vacuum Truck w/Carbon Filter	1 each	barrel (s)	
TF-Outfall 201	Wash Pump	Wash Pump	2 each	2 inch (es)	
TF-Outfall 201	Frac Tank	Frac Tank w/ Carbon System	1 each	bbls	
TF-Outfall 201	Boom	Boom	100 feet	18 inch (es)	
TF-Outfall 201	Vac Truck Operator	Vac Truck Operator	2 each		

### **Assignments**

Task Force-Outfall 201 will be working in Block 1.

Contain spilled material in the pit and recover with drum skimmer and offload to vacuum truck. Continue operations during night shift if needed.

Perform continuous air monitoring and communicate changes in environmental conditions with Group Supervisor.

Be aware of weather constraints and adjust accordingly based on conditions and operational parameters of skimming equipment. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in condition to Group Supervisor.

Offload recovered product to storage assets as needed. Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

Upon completion of assigned task, follow Decontamination Plan to implement decontamination procedures.

Report all wildlife impacts to supervisor immediately.

### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

#### **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

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ICS 204 - Assignment List	Task Force: TF-Outfall 201
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00
Special E	Environmental Considerations
establish response collection of water in frac tanks or testing plan for sampling water to include volatiles, se Contact the Wildlife Hotline at 409-239-4725 by call o If an alligator wis spotted:  1. Leave the alligator in place.  2. Maintain visual.	to JWWTP utilizing diesel pumps; contain runoff onsite, if threat of breach other containment, boom outfalls to capture floating hydrocarbon, establish mi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.  r text and provide where, what and when the wildlife was observed.
3. If alligator displays aggressive behavior and safety	
Wear Level D PPE.	e-Specific Safety Considerations
Be aware of wildlife while working around/near water	and high grassy areas.
Steep embankments may exist around waterways.	
Wear flotation device within 3' of bodies of water (can	als, deep ditches, etc.).
Monitor air quality. Immediately leave area with readir	ngs elevated above the action limit.
Immediately report safety incidents and concerns to y	our supervisor.
Otes budgeted	

Stay hydrated.

ICS 204 - Assignment List			Updated 12/09/2019 10:50 UTC -6:00
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# ICS 204 - Assignment List

Incident Name: South 4 Group Fire

Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Task Force: TF-Outfall 201

# TF-Outfall 201 Map





		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift
Supervisor	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	

### Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Waste Management Group	Frac Tank	Frac Tank	16 each	bbls
Waste Management Group	Roll Off	Roll Off	17 each	feet
Waste Management Group	Manpower: Responder	Waste Specialist	3 each	

#### **Assignments**

All waste collection activities will be conducted in accordance with Waste Management Plan, which will be approved for this task and established Federal, State and Local regulations.

Waste characterization and profile will continue at each collection site.

Full Rolloff boxes are held at TPC Docks Staging area, others are kept on Hwy 366 along the road and at Huntsman Starlake Lift Station (where Div B and E join).

Frac tanks are on Hwy 366, 4 are at the TPC Docks.

Personnel will utilize roll off boxes and frac tanks to contain recovered waste.

Clean Harbors will provide information tracking, e.g. bills of lading, for waste types and volumes by collected location.

Segregate waste by their respective waste streams as necessary:

- -Oily liquids (free floating oil, oil emulsions, decon wash water)
- -Oily Solids (sand, vegetation, absorbents, ppe, debris)
- -Non-Oiled Solids (general trash)
- -Recyclables

#### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

#### **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

#### Special Environmental Considerations

Follow approved Waste Plan for the collection of waste for proper disposal.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.

If an alligator wis spotted:

- 1. Leave the alligator in place.
- 2. Maintain visual.
- If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

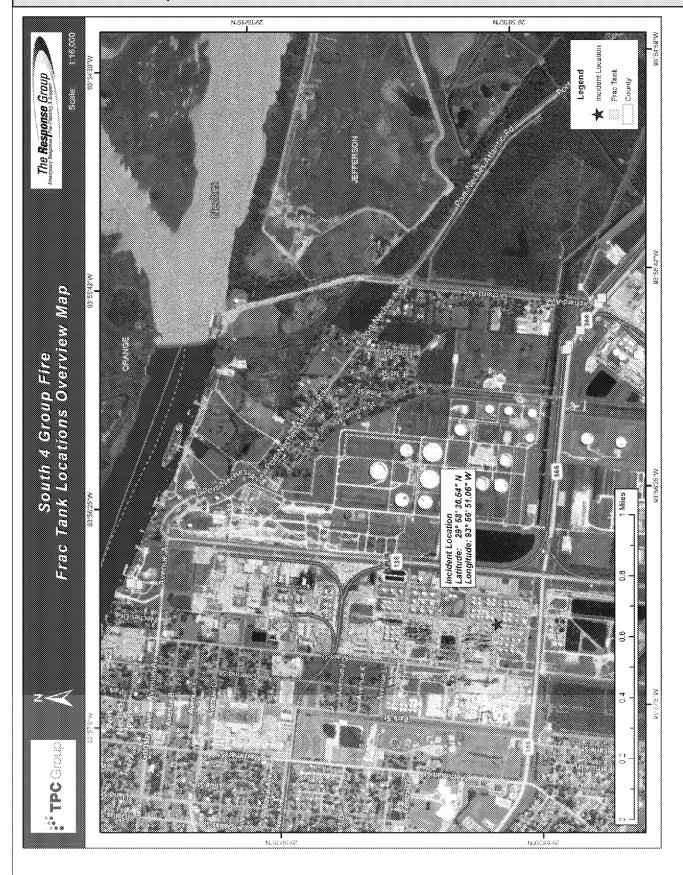
ICS 204 - Assignment List			Updated 12/09/2019 15:36 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:40 UTC -6:00	49 of 104	© TRG

ICS 204 - Assignment List	G	roup: Waste Management Group
Incident Name: South 4 Group Fire	Period: Period 13 [12/12	2/2019 06:00 - 12/14/2019 06:00]
Special Site-Specific	Safety Considerations	
Wear Level B PPE and SCBA while collecting hazardous materia	al.	
Be aware of wildlife while working around/near water and high gi	rassy areas.	
Ensure immediate, proper labeling of waste.		
Monitor air quality while disposing of material. Wear full Tyvek su	uit and SCBA for ACM pickup.	
Wear chemical gloves and clothing appropriate for task and haza	ards for non-hazardous waste.	
Immediately report safety incidents and concerns to your superv	isor.	
Stay hydrated.		
ICS 204 - Assignment List		Updated 12/09/2019 15:36 UTC -6:00
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Incident Name: South 4 Group Fire

Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

## Frac Tank Locations Map



nuutli	t Name: South 4	Group Fire					Period:	Period 1	3 [12/12/2019 06:00 - 12/14/2019 06:00
		•		Radio Cha	nnel Informa	rtion			•
Ch #	Function	Channel Name/ Trunked Radio System Talkgroup	Assignment	Rx Freq N/W	Rx Tone/NAC	Tx Freq N/W	Tx Tone/NAC	Mode	Remarks
1	Safety/OPS		Fire Suppression Group Incident Command Post - Holiday Inn Staging - 366 Incident Command FOB - ONSC Staging - Gate #15 Staging - TPC Docks						
4	Multiagency Radio	Multiagency Radio	Fire Suppression Group						
кетет	iber many beobl	a can haar what vou							
	ception is to slea		are passing over the rad	10					
Best re			are passing over the rau	10			Prepared Rv	IAP Sunt	ort, Updated 12/11/2019 10:03 UTC -6:00 i

Incident Name: Sout	h 4 Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:0						
		Local C	ommunications	Information						
Name	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes					
Biggs, Heather		832-374-3925		heather.biggs@tpwd.texas.gov						
Branick, Jeff		Ex. 6 Personal Privacy (PP)			Group Text Communication - Jefferson County Judge					
Gelino, Derrick		(b) (6)								
lseton, Claire		713-859-5986		claire.iseton@tpwd.texas.gov						
Nelson, Paul			409-722-5885		Port Neches Fire Chief					
Stegall, Michael		Ex. 6 Personal Privacy (PP)	409-719-4273	mstegall@ci.port-neches.tx.us	Port Neches Assistant Fire Chief					
Young, Patrick		214-577-3506		pay9@cdc.gov	Capt. Patrick Young					
Fisher, Bray	Deputy Federal OSC	469-510-8825								
Patel, Anish	Deputy Federal OSC	469-510-9721		patel.anish@epa.gov	Communication as needed - Day Shift					
Sharpe, Randall	Deputy Operations Section Chief			randall.sharpe@tpcgrp.com						
Monk, Troy	EOC Manager Day	Ex. 6 Personal Privacy (PP)		troy.monk@tpcgrp.com	All Communication forms - Day Shift					
Wright, Mike	EOC Manager Night			michael.wright@tpcgrp.com	All Communication forms - Night Shift					
Adams, Adam	Federal OSC	214-202-6952			Communication as needed - Day Shift. On call at night					
Rouse, Philip	Federal OSC Night	469-431-8856		Rouse.philip@epa.gov	Email Communication - Nigh Shift					
McDonald, Scott	Incident Commander Day			scott.mcdonald@tpcgrp.com						
Hollier, Kurt	Incident Commander Night			kurt.hollier@tpcgrp.com						
Brechtel, Joseph	Liaison Officer			Scott.Brechtel@tpcgroup.com	All Communication forms- Rotating					
Jaschek, Rebecca	Liaison Officer	Ex. 6 Personal Privacy (PP)		becky.jaschek@tpggroup.com	All Communication forms - Rotating					
Sanders, Jason	Liaison Officer Day			jason.sanders@tpcgrp.com	All Communication forms - Rotating					
White, Michael	Local Government OSC				Group Text Communication - Jefferson County OEM					
Grimm, Robert	Local Government OSC				Group Text Communication - Jefferson County OEM					
ICS 205a - Commun	nications List			Prepared By IAP Support	Updated 12/11/2019 10:05 UTC -6:00 p					

ICS 205a - Comm	unications List			Version I	Name: CIR Distribution List - Period 13				
Incident Name: So	outh 4 Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06					
		Local	Communications	Information					
Name	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes				
Lynn, Gordon	Operations Section Chief Day	(b) (6)		gordon.lynn@tpcgrp.com					
Carlton, Doug	Operations Section Chief Night	(b) (6)		doug.carlton@tpcgrp.com	All Communication forms - Night Shift				
Layton, Jillian	State OSC	409-728-3975	409-728-3975	Jillian.Layton@tceq.texas.gov	Email and Group Text Communication - Night Shift				
Davila, Hope	State OSC Day	409-791-7296		Hope.Davila@tceq.texas.gov	Email and Group Text Communication - Day Shift				

Sarah.Kirksey@tceq.texas.gov

ICS 205a - Communications List		Prepared By IAP Su	pport, Updated 12/11/2019 10:05 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:40 UTC -6:00	54 of 104	© TRG

Kirksey, Sarah

State OSC Night (On-Call)

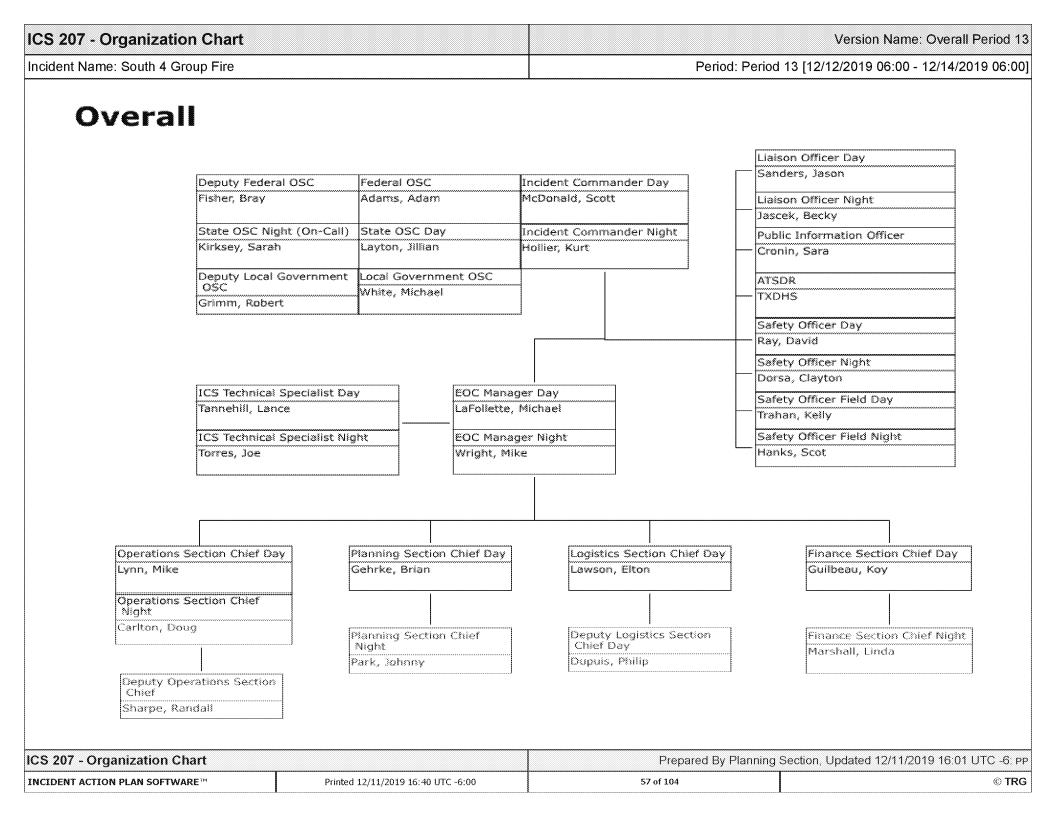
409-898-3838

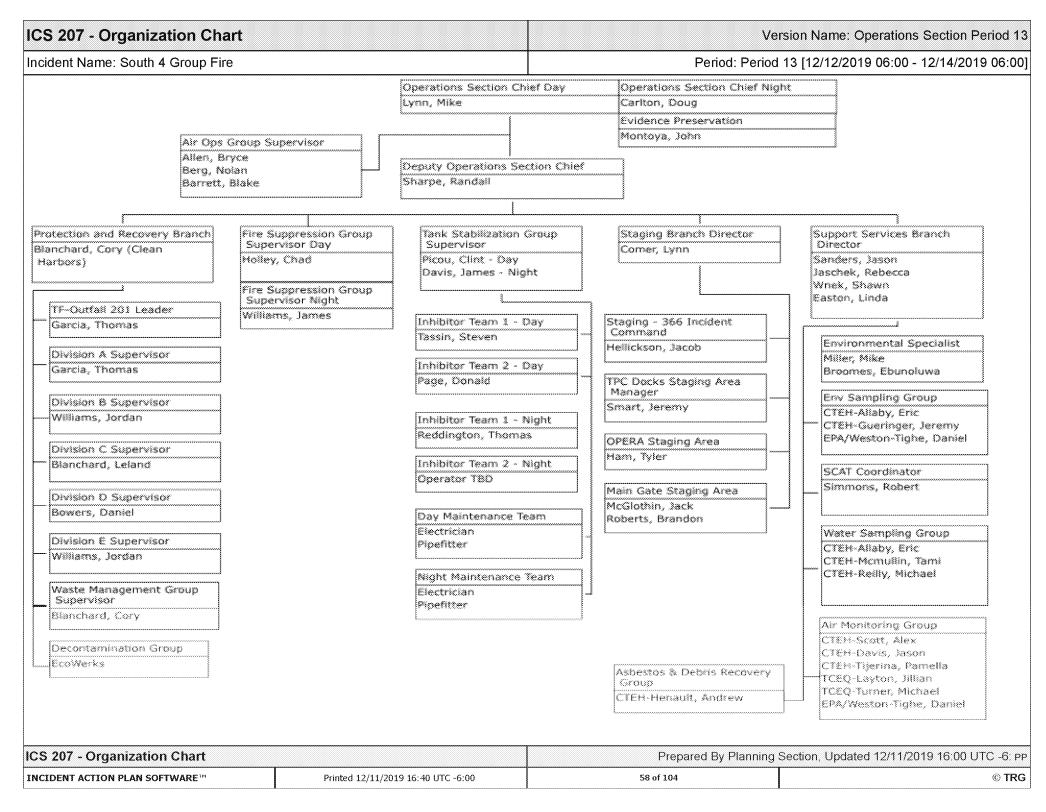
ICS 206 - Medical Plan									Version	Nam	e: Pe	boine	13
Incident Name: South 4 0	Group Fire			Pe	eriod: Per	iod	13 [12/12	2/201	9 06:00 - 1	12/14/	2019	06:	00]
			Medica	I Aid Station:	S								
Name		Locati	on				aramedic On Site	Pho	ne		Ra	dio	
First Aid Resources - Blo	3												
First Aid Resources - Gat			1522, -93.952218										
	Tra	anspor	tation (Ground a	and/or Air An	nbulance	Se	rvices)		·			<del>,</del>	
Ambulance Service		Locati			Phone				Radio		<u>Air</u>		S
Acadian Ambulance - Po (409-980-7740)	rt Arthur		rthur, TX				80-7740		800 Meg System		X		x
Beaumont EMS		<del></del>	nont, TX				80-3901		155.340		$\perp$		x
Southeast Texas Air Res	cue	Beaun	North St #408 nont, TX 77702 0174, -94.126556	3199999982	Ph1: 40	9-9	24-9262				X		
			Н	ospitals									
Hospital	Location		Phone	Radio	Air Trav Time	el	Groun Travel 7		Trauma Center	Helip	oad	Bui Cen	
UTMB Galveston	301 University Blvd Galveston, 77755 29.312199, -94.77902	TX	T HONE	radio	Timo		Travor 1		I	x	<u>, aa</u>	x	
The Medical Center Of Southeast Texas	2555 Jimm Johnson Bl Port Arthur 77640 29.934952, -93.985008	vd , TX	409-853-5900						IV	x			]
Baptist Beaumont Hospital	3080 Colley Street Beaumont, 77701 30.068474, -94.120255	TX	409-212-5012						Ш	x			
Christus Southeast Texas - St Elizabeth	2830 Calde Avenue Beaumont, 77702 30.085583, -94.131699	TX	409-892-7171						II	x			]
ICS 206 - Medical Plan					Prepared B	y IA	P Support,	Updat	ed 12/11/201	9 10:02	· UTC	-6:00	) PP
INCIDENT ACTION PLAN SOFT	<b>VARE</b> ™ Pri	nted 12/11	/2019 16:40 UTC -6:00		55 of 10	4						© T	RG

ICS 206 - Medical Plan Version Name: Period 13 Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00] Incident Name: South 4 Group Fire Special Medical Emergency Procedures 911 ops not impacted by incident, call 911 for medical response as normal Contact Info: EMS Group Supervisor: Eddie Burleigh 337-278-1268 Acadian Ambulance - Port Arthur (409-980-7740) EMS Deputy Group Supervisor: Monica Birdsong 409-201-9403 Acadian Ambulance - Port Arthur (409-980-7740) EMS Deputy Group Supervisor: Andrew Tucker (b) (6) Acadian Ambulance - Port Arthur (409-980-7740) **EMERGENCY MEDICAL PROCEDURES** In the event of a medical emergency provide the following information to the Communications Unit. Declare the nature of the emergency. Medical injury/illness? If injury/illness, is it Life Threatening? If Life Threatening, then request that the designated frequency be cleared for emergency traffic. 2. Identify the on-scene Point of Contact (POC) by Resource and Last name.

- 3.
- Identify nature of incident, number injured, patient assessment(s) and location (geographic and GPS coordinates). 4.
- Identify on-scene medical personnel by position and name. 5.
- Identify preferred method of patient transport. 6.
- Request any additional resources and/or equipment needed. 7.
- Document all information received and transmitted on the radio or phone.
- Identify any changes in the on-scene Point of Contact or medical personnel as they occur.

INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:40 UTC -6:00	56 of 104	© TRG	
ICS 206 - Medical Plan		Prepared By IAP Support, t	Jpdated 12/11/2019 10:02 UTC -6:00 PP	





ics:	208 -	Site Safety P	lan						/	ersion/	Name: 11/28/19 -	Site Safety Plan	
Incide	nt Naı	me: South 4 Groເ	ıp Fire					Period: Pe	eriod	13 [12/	12/2019 06:00 - 12	2/14/2019 06:00]	
Applie	s to S	ite: Onsite				***************************************	<b></b>						
						Site Chara	ncterizat	ion					
Wate	•		Land	k	•••••			Weather		•••••			
Wave	Heigl	nt	Land	d Use				Air Temp	)	72 F	ahrenheit		
Speed	t							Wind Sp	eed	15 m	ph		
Direc	tion							Direction	1	NNE			
						Site H	azards						
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards		
	x	Boat Safety		x		Heat Stre	ss		х		Steam and Hot V	Vater	
x		Chemical Hazar	ds		x	Helicopte	r Operati	ions		x	Trenching/Excav	ation	
	X	Cold Stress		X		Lifting				x	UV Radiation		
	X	Confined Space	s	X		Motor Vel	hicles		x		Visibility		
	X	Drum Handling		X		Noise			х		Weather		
X		Equipment Ope	rations	X		Overhead	I/Buried I	Utilities	x		Work Near Water	r	
	X	Electrical Opera	itions	X		Plants/Wi	ldlife		x		Nuclear Sources		
X		Fatigue		X		Pump Ho	se						
x		Fire, Explosion, Burning	In-situ	X		Slips, Trip	ps, and Falls						
						Air Monito	ring Lin	nits					
Oxygen Level				1,3	-Butac	diene		0.5ppm 5 min			en Dioxide	0.2ppm 5 min	
LEL 1% 1 r			1% 1 m	in Bu	Butane			500ppm 5 min		Particu	ılate Matter	351ug/m3 5 min	
Hydro	gen S	ulfide		Ca	Carbon Dioxide			5000ppm 5 min				0.5ppm 5 min	
Benze	ne		0.5ppm 5 m	in Ca	rbon N	/lonoxide	25ppm 5 min						
Total	-lydro	carbons		LE	L (action	on)		5% 1	min				
						Engineerir	ng Conti	rols					
	Sourc	ce of release sec	ured		Valve	e(s) closed				Energy sources locked/tagged out		tagged out	
х	Site s	ecured		x	Facili	ity shut dow	vn						
				Pers	onal	Protective	Equipm	ent Requ	ired				
	Impe	vious suit		x	Hard	hats			х	Boot	S		
	Inner	gloves		x	Resp	irators				Bunk	er Gear		
х		gloves		X	ļ	protection			x	SCB.	A - Fresh Air		
х	Flame	e resistant clothin	ıg		Perso	onal flotatio	n						
				Add	itiona	l Control N	<i>leasures</i>	s Establis	hed				
х	Deco	ntamination		x		ination				Addit	Additional stations established		
х	Sanit	ation			Medi	cal surveilla	ance		x	Facil	ities provided		
					<del></del>		k Plan		<b>,,,,,</b>				
х	Boon	ning			Exca	vation				Hot v			
х	Skimi			x	-	y equipmer	nt			Appr	opriate permits use	ed	
х	Vac t					ent pads							
x	Pump	ping			Patch	ning							
ICS 2	)8 - S	ite Safety Plan					Prepare	ed By Planr	nina P	lanning	. Updated 12/08/2019	9 04:00 UTC -6 PP	
		ION PLAN SOFTWARE	Printed 1	2/11/20	19 16:40	UTC -6:00	,	59 of		<u> </u>	İ	© TRG	

ICS	208 - Site Safe	ety Plan				Ve	rsion Name: 11/28/	19 - Site Safety Plan			
Incid	ent Name: South 4	4 Group Fire				Period: Period 1	3 [12/12/2019 06:00	- 12/14/2019 06:00]			
				Tra	ining						
x	Verified site work regulatory require		er local/fed	deral <b>Training Requiren</b>	nents		cy Response Trainin	g			
				Organ	izatio	on					
Posit	ion	Name		Telephone/Radio	Posi	ition	Name	Telephone/Radio			
Incid	ent Commander	McDonald, S	!	Ex. 6 Personal Privacy (PP)	Ope Chie	rations Section of	Lynn, Gordon	Ex. 6 Personal Privacy (PP)			
Safe	y Officer	Clifton, Chris	sy [								
				Emerge	ncy l	Plan					
	Fire Prevention I	Plan	x	Evacuation Plan							
	Alarm System		x	First Aid Locatio							
				Notific	atio						
	Facility			Phone	<b></b>	Facility		Phone			
X	Hospital	Medical Ce SETX		409-853-5900	X	Fire	Port Neches Fire Department	409-853-5900			
X	Ambulance	Acadian EN		409-980-7740		Law Enforcement					
x	Air Ambulance	Acadian Ai	rMed	409-980-7740		Emergency Response/Rescu					
				Initial	Rriefi	1-					
	Initial safety brief	fing prepared f	for each s			<i>n</i> g					
	Initial Salety Brief	ing propared i	ioi odon s	Attachments	s/Δnr	nendices					
Atta	chment			Filename	r						
		Imagery PNG	nna		ceme	ent Imagery ndf					
	PC_Boom Placement Imagery.PNG.png TPC_Boom Placement Imagery.pdf										
ics a	208 - Site Safety F	Plan			Pre	pared By Planning Pla	nning, Updated 12/08/	/2019 04:00 UTC -6 PP			
INCID	ENT ACTION PLAN SO	<b>TWARE™</b> Pri	inted 12/11/2	019 16:40 UTC -6:00							

ICS 2	208 -	Site Safety P	lan								Ve	ersion Name: 11/29	/19 - Staging 15
Incide	nt Naı	ne: South 4 Grou	ıp Fire						Period: Pe	eriod	13 [12/	12/2019 06:00 - 12	2/14/2019 06:00]
Applie	s to S	ite: Staging 15											
							Site Chara	cterizat	ion				
Water	,		Lan	d					Weather				
Wave	Heigl	nt	Lan	d Us	е				Air Temp	)	72 F	ahrenheit	
Speed	1								Wind Spe	eed	15 m	ıph	
Direct									Direction		NNE	•	
							Site H	azards					
Yes	No	Hazards		Ye	s	No	Hazards			Yes	No	Hazards	
П	х	Boat Safety		F	1	x	Fire, Expl	osion, In	-situ	П	x	Pump Hose	
							Burning						
х		Chemical Hazar	rds	х			Heat Stre	SS		х		Slips, Trips, and	Falls
	x	Cold Stress				x	Helicopte	r Operati	ions		х	Steam and Hot V	Vater
	х	Confined Space	'S			x	Lifting				х	Trenching/Excav	ation
	x	Drum Handling		х			Motor Vel	nicles			x	UV Radiation	
X		Equipment Ope	rations	х			Noise			Х		Visibility	
	x	Electrical Opera	tions			x	Overhead	/Buried I	Utilities	X		Weather	
x		Fatigue		x			Plants/Wi	ldlife			x	Work Near Water	r
	Air Mon						Air Monito	ring Lin	nits				
Oxyge	n Lev	el		1	,3-I	Butad	iene		0.5ppm 5	min	Nitroge	en Dioxide	0.2ppm 5 min
LEL			1% 1 mi	in B	uta	ane			500ppm 5	ōmin	Particu	ılate Matter	351ug/m3 5 min
Hydro	gen S	ulfide		С	art	on D	ioxide		5000рр	m 5 min	Total \	/OC	5ppm 5min
Benze	ne			c	art	on M	lonoxide	25ppm 5min					
Total I		carbons		L	EL	ACTI	ON		5% 1	min			
							Engineerir	ng Conti	rols				
	Sourc	ce of release secu	ured		] '		(s) closed				Ener	gy sources locked/	tagged out
x	Site s	ecured		х	-		ty shut dow	/n					
						onal F	Protective	Equipm	ent Regui	ired			
	Impe	vious suit		х	, ,	Hard			•	х	Boot	S	
		gloves		х	-	Respi	irators			х	SCB.	A	
x		gloves		х	-		rotection						
		e resistant clothin	g	х	<del>,</del> +		nal flotatio	n					
				Ad	dit	ional	Control N	leasures	s Establis	hed			
x	Deco	ntamination		х	ī	Illumi	nation				Addit	tional stations esta	blished
x	Sanit	ation				Medic	al surveilla	ance		х	Facil	ities provided	
							(Plan				,		
	Boon	nina			ī Ti	Exca	*************				Hot v	vork	
Skimming x Heavy equip								 nt				opriate permits use	ed
	Vac t			F	-		ent pads				1 1	, , , , , , , , , , , , , , , , , , , ,	
Pumping Patching													
							-9			l			
ICS 20	)8 - S	te Safety Plan						Prepare	ed By Plann	ing P	lanning	Updated 12/08/2019	9 04:02 UTC -6 PP
INCIDE	NT ACT	ION PLAN SOFTWARE	™ Printed :	12/11/	2019	9 16:40	UTC -6:00		61 of :	104			© TRG

ıcs	208 - Site Safe	ety Plan					Version Name:	11/29/19 - Staging 15		
Incid	ent Name: South 4	Group Fire				Period: Period 1	3 [12/12/2019 06:0	0 - 12/14/2019 06:00]		
				Tra	ining					
x	Verified site work regulatory require	cers trained per lo ements	cal/fed	leral <b>Training Requirer</b>	nents		cy Response Train	ng		
				Orgai	nizatio	on				
Posit	tion	Name	7	elephone/Radio	Posi	tion	Name	Telephone/Radio		
Incid	ent Commander	McDonald, Scot	t		Incid	lent Commander	Hollier, Kurt			
Safe	ty Officer	Clifton, Chrisy			Safe	ty Officer	Dorsa, Clayton	Ex. 6 Personal Privacy (PP)		
Oper Chie	rations Section f	Lynn, Gordon	E	x. 6 Personal Privacy (PP)	Ope Chie	rations Section f	Park, Johnny			
				Emerge	ency F	Plan				
	Fire Prevention I	Plan	x	Evacuation Plan	า					
	Alarm System		x	First Aid Location	on					
				Notifi	catio	15				
	Facility			Phone		Facility		Phone		
x	Hospital	Medical Cente SETX	r of	409-853-5900	X	Fire	Port Neches Fire Department	409-853-5900		
X	Ambulance	Acadian Ambu	lance	800-259-1111		Law Enforcement				
x	Air Ambulance	Southeast Tex Rescue	as Air			Emergency Response/Rescu				
				Initial	Briofi	1-				
	Initial andata baias	fing prepared for e			Dile!!	119				
100	200 0:- 0				1-			20040 21.22		
	208 - Site Safety I				Pre		anning, Updated 12/0 	8/2019 04:02 UTC -6 PP		
INCIE	ENT ACTION PLAN SOI	TWARE™ Printed	12/11/20	019 16:40 UTC -6:00		62 of 104		© TRG		

ICS :	ንበደ .	Site Safety P	lan								Vers	ion Name: 12/06/1	l9 - Dock Staging
		me: South 4 Grou							Pariod: Pa				2/14/2019 06:00]
		ite: Staging 15	ір гіі е					<b></b>	renou. re		13 [12/	12/2019 00:00 - 1	2/14/2019 00.00]
Applie	3 10 0	ite. Staging 13					Site Chara	ctorizat	ion				
Water			Land				One Onara	CtC//Zut	Weather				
Wave		ht	Land	-	se				Air Temp	)	79 F	ahrenheit	
Speed	_				-				Wind Sp		11 m		
Direct									Direction		WNV		
							Site H	azards				-	
Yes	No	Hazards		Υe	es	No	Hazards			Yes	No	Hazards	
	х	Boat Safety			7	х	Fire, Expl	osion, In	-situ		x	Pump Hose	
						<u> </u>	Burning					·	
х		Chemical Hazai	rds	)	<		Heat Stres			х		Slips, Trips, and	
	x	Cold Stress		L		x	Helicopter	r Operati	ions		x	Steam and Hot	
	x	Confined Space	S	L	<u>_</u>	x	Lifting				X	Trenching/Exca	vation
$\Box$	х	Drum Handling		2		$\vdash \vdash$	Motor Veh	nicles 			x	UV Radiation	
x		Equipment Ope		)	<u>(                                    </u>	$\vdash \vdash$	Noise	(D	L Itilitai	X		Visibility	
片	X	Electrical Opera	itions	L	<u>_</u>	X	Overhead		Utilities	X		Weather	
x		Fatigue		2	<u>(</u>		Plants/Wil		**		x	Work Near Wate	er
		- 1					Air Monito	ring Lin			N. 174	D':- 'JI:-	0.0
Oxyge	en Lev	'eı		ľ	। , პ-	Butad	liene		0.5ppm 5	min	Nitrog	en Dioxide	0.2ppm 5 min
LEL			1% 1 mi	n E	3ut	ane			500ppm !	5min	Particu	ulate Matter	351ug/m3 5 min
Hydro	gen S	ulfide		-	Car	bon D	ioxide		5000рр	m 5 min	Total \	/oc	5ppm 5min
Benze	ne				Car	bon N	1onoxide		25ppm s	5min			
Total	Hydro	carbons		I	EL	. ACT	ION		5% 1	min			
						i	Engineerin	ng Conti	rols				
	Sourc	ce of release sec	ured			Valve	(s) closed				Ener	gy sources locked	d/tagged out
х	Site s	ecured		)	<	Facili	ty shut dow	/n					
				P	ers	onal I	Protective	Equipm	ent Requ	ired			
	Impe	rvious suit		2	<	Hard	hats			х	Boot	S	
	Inner	gloves		)	<	Resp	irators			X	SCB	A	
x	Outer	gloves		2	<	Eye p	protection						
X	Flame	e resistant clothir	ıg	2	<	Perso	onal flotatio	n					
				A	ddi	tional	Control M	leasures	s Establis	hed			
х	Deco	ntamination		2	<	Illumi	nation				Addi	tional stations est	ablished
x Sanitation Medical surve					cal surveilla	ince		х	Facil	ities provided			
W						Work	Plan		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	Boon	ning				Exca	vation				Hot v	work	
	Skimi			2	<		y equipmer	nt 			Appr	opriate permits us	sed
	Vac t						ent pads						
Pumping Patching						ning							
ICS 2	08 - S	ite Safety Plan						Prepare	ed By Planr	ning F	lanning	Updated 12/08/20	19 04 08 UTC -6 PP
		ION PLAN SOFTWARI	Printed 1	12/11	/201	.9 <b>1</b> 6:40	UTC -6:00		63 of			T	© TRG

ıcs	208 - Site Safe	ety Plan					Version Name: 12/0	6/19 - Dock Staging		
Incid	ent Name: South 4	4 Group Fire				Period: Period 1	3 [12/12/2019 06:00	- 12/14/2019 06:00]		
				Tra	ining					
x	Verified site work regulatory require	cers trained per lo ements	cal/fed	deral Training Requirer	nents		cy Response Trainin	g		
				Orgai	nizatio	on				
Posit	ion	Name	7	Telephone/Radio	Posi	ition	Name	Telephone/Radio		
Incid	ent Commander	McDonald, Scot	tt		Incid	lent Commander	Hollier, Kurt			
Safe	ty Officer	Clifton, Chrisy	ļ !		Safe	ty Officer	Dorsa, Clayton	Ex. 6 Personal Privacy (PP)		
Oper Chie	rations Section f	Lynn, Gordon	E	Ex. 6 Personal Privacy (PP)	Ope Chie	rations Section f	Park, Johnny			
				Emerge	ency F	Plan				
	Fire Prevention I	Plan	x	Evacuation Plan	1					
	Alarm System		x	First Aid Location	n					
				Notifi	catio	าร				
	Facility			Phone		Facility		Phone		
X	Hospital	Medical Cente SETX		409-853-5900	X	Fire	Port Neches Fire Department	409-853-5900		
X	Ambulance	Acadian Ambu		800-259-1111		Law Enforcement				
x	Air Ambulance	Southeast Tex Rescue	xas Air			Emergency Response/Rescu	ı			
				Initial	Rriofi	<u> </u> -				
Initial B Initial safety briefing prepared for each site						9				
ics :	208 - Site Safety F	Plan			Pre	pared By Planning Pla	anning, Updated 12/08/	2019 04:08 UTC -6 рр		
INCID	ENT ACTION PLAN SO	FTWARE™ Printed	12/11/20	019 16:40 UTC -6:00		64 of 104		© TRG		

ICS 2	208 -	Site Safety P	lan				Version Name	: 12/10/	19 - U	se of Motorized Equipment Safety Plan
Incide	nt Nar	ne: South 4 Groເ	up Fire				Period: I	Period 1	3 [12/	12/2019 06:00 - 12/14/2019 06:00]
Applie	s to S	ite: Use of Moto	rized Equip	ment in	Facili	ty				
						Site Chara	cterization			
Water	,		La	nd			Weathe	er		
Wave	Heigh	nt	La	nd Use			Air Ten	np		
Speed	ı						Wind S	peed		
Direct	ion						Direction	on		
						Site Ha	azards			
Yes	No	Hazards		Yes	No	Hazards		Yes	No	Hazards
	x	Boat Safety		x		Fire, Explo	osion, In-situ		x	Pump Hose
х		Chemical Hazaı	rds	X		Heat Stres	ss	х		Slips, Trips, and Falls
	X	Cold Stress			х	Helicopter	Operations		х	Steam and Hot Water
	X	Confined Space	es		x	Lifting			x	Trenching/Excavation
	x	Drum Handling		X		Motor Veh	icles		x	UV Radiation
X		Equipment Ope	rations	X		Noise			X	Visibility
	x	Electrical Opera	ations	x		Overhead	Buried Utilities		x	Weather
x		Fatigue			x	Plants/Wil	dlife		x	Work Near Water
						Air Monito	ring Limits			
Oxyge	n Lev	el	19.5° 21.	% - Hyo 5%	droger	n Sulfide		-	Γotal ⊢	Hydrocarbons
LEL				0 Ber	nzene					
						Engineerin	g Controls			
	Sourc	e of release sec	ured		Valve	e(s) closed			Energ	gy sources locked/tagged out
x	Site s	ecured		X	Facili	ity shut dow	n			
				Pers	onal	Protective I	Equipment Req	juired		
	Imper	vious suit		X	Hard	hats		x	Boots	S
	Inner	gloves		X	Resp	oirators		x	Poter	ntial for Resp Prot
	Outer	gloves		X	Eye	orotection				
X	Flame	resistant clothin	ng		Pers	onal flotatior	า			
				Addi	tiona	I Control M	easures Establ	ished		
X	Deco	ntamination		X	Illumi	ination			Addit	ional stations established
X	Sanita	ation			Medi	cal surveilla	nce		Facili	ities provided
						Work	Plan			
	Boom	ing			Exca	vation		x	Hot w	vork
	Skimr	ming		x	Heav	y equipmen	t		Appro	opriate permits used
x	Vac tr	rucks			Sorb	ent pads				
х	Pump	ing			Patcl	ning				
						Traii	ning			
		ed site workers tr tory requirement		ocal/fed	eral	Training Requirem	ents			
		te Safety Plan							ton, Up	odated 12/10/2019 10:06 UTC -6:00 PP
INCIDE	NT ACT	ON PLAN SOFTWARE	E™ Printed	1 12/11/20	19 16:40	UTC -6:00	65	of 104		© TRG

ICS	208 - Site Safe	ety Plan			Ve	rsion Name: 12/10/	19 - Use of Motorize	d Equipment Safety Plan
Incid	ent Name: South 4	4 Group Fire				Period: Period 1	3 [12/12/2019 06:00	- 12/14/2019 06:00]
				Organ	nizatio	on		
Posit	tion	Name		Telephone/Radio	Posi	tion	Name	Telephone/Radio
Incid	ent Commander	McDonald, Sco	ott		Ope Chie	rations Section f	Holley, Chad	Ev. 6 Personal Privacy (PP)
Incid	ent Commander	Hollier, Kurt		Ex. 6 Personal Privacy (PP)	Ope Chie	rations Section f	Williams, James	Ex. 6 Personal Privacy (PP)
Safe	ty Officer	Clifton, Chrisy						
				Emerge	ncy F	Plan		
x	Fire Prevention F	Plan	x	Evacuation Plar	1			
	Alarm System			First Aid Location	n			
				Notifi	catio	ıs		
	Facility			Phone		Facility		Phone
x	Hospital	Medical Cent	er of	409-853-5900	x	Fire	Port Neches Fire Dept	409-853-5900
x	Ambulance	Acadian EMS	<b>3</b>	409-980-7740		Law Enforcement		
x	Air Ambulance	Acadian Air N	/led	409-980-7740		Emergency Response/Rescu	ı	
				Initial	Rriefi	na		
	Initial safety brief	fing prepared for	each					
	miliai saicty brici	ing prepared for	Cacii .		~ /A	andiana		
				Attachments	S/APF	enaices		
	chment			Filename				
12.10 .doc	0.2019 Use of Moto	orized Equipmer	nt Safe	ty 12.10.2019 Use	e of M	otorized Equipmen	t Safety .docx	
ICS :	208 - Site Safety F	Plan			Pr	epared By Chrisy Clif	ton, Updated 12/10/20	19 10:06 UTC -6:00 PP
INCIE	ENT ACTION PLAN SOF	TWARE™ Printed	d 12/11/2	2019 16:40 UTC -6:00		66 of 104		© TRG

ics	208 -	Site Safe	ty Plan							٧	'ersior	n Name	e: 11/29/19 - El	ectric	al Safety Pla	an
Incide										Period: Pe	eriod 1	3 [12/	12/2019 06:00	- 12/1	4/2019 06:0	0]
Applie	es to S	ite: Electric	cal Safety	Plan									***************************************			
								Site Chara	acterizati	ion						
Wate	r			Lan	d					Weather						
Wave	Heig	ht		Land	d Use	е				Air Temp	)	70 Fa	hrenheit			
Spee	d									Wind Sp	eed	13 m	oh			
Direc										Direction	1	SE				
								Site H	lazards							
Yes	No	Hazards			Yes	<b>S</b>	No	Hazards			Yes	No	Hazards			
	x	Boat Safet	ty				X	Fire, Exp	osion, In-	-situ		x	Pump Hose			_
x		Chemical	Hazards		x		$\overline{\Box}$	Burning Heat Stre			х		Slips, Trips, a	nd Fa		
	x	Cold Stres					x	Helicopte		ons		x	Steam and Ho			
		Confined S					X	Lifting	Operati	0113		X	Trenching/Exc			
片	X	Drum Han						Motor Ve	hiclos		片	+===	UV Radiation			
$\vdash \dashv$	X	Equipmen	<del>-</del>	.nc	X			Noise			片	X				
$\vdash \vdash$	X		·		X			Overhead	I/Puriod I	Itilition		X	Visibility Weather			
	X	Electrical		3	X			Plants/W		Julues	X		Work Near W			
								**		x	vvoik iveal vv	atei				
	Air Mo								oring Lin	iits	I-	F - 1 - 1 1 1				
Oxygen Level Hydrogen Sulfic								Sulfide				l otal H	lydrocarbons			
LEL					IR	enze										
	Engine								ng Contr	ols		T			-	
Щ		ce of release	e secured					(s) closed			Ш	Energ	gy sources lock	ed/ta	gged out	
X	Site s	ecured			X		************	ty shut dov								
					Per			Protective		ent Requ	ired	,				
	Impe	rvious suit			х			e resistant	clothing		х	Eye p	protection			
	Inner	gloves			Х	Н	lard	hats				Personal flotation				
х	Oute	gloves				R	espi	irators			х	Boots	S			
					Add	ditio	onal	Control N	Measures	Establis	hed					
	Deco	ntamination	l			III	lumi	nation				Addit	ional stations e	stabl	ished	
	Sanit	ation				IV	ledic	cal surveilla	ance			Facili	ties provided			
								Worl	k Plan							
	Boon	ning				E	xca	vation				Hot w	ork .			
	Skim	ming				Н	leav	y equipme	nt			Appro	opriate permits	used		
	Vac t	rucks				S	orbe	ent pads								
	Pump	oing				Р	atch	ing								
								Tra	ining							
Verified site workers trained per local/federal regulatory requirements Requirements																
Orga								Orgar	ization							
Positi	on		Name			Tele	pho	ne/Radio				Name	<del></del>	Tele	phone/Radio	 )
Incident Commander Hollier, Kurt Ex. 6 Personal Privacy (PP)						l Privacy (PP)	·-·		Dorsa	a, Clayton						
Incide	Incident Commander McDonald, Scott							Operations Section Lynn, Gordon Chief			Personal Privacy (PP)					
ICS 2	08 - S	ite Safety F	Plan					Prepared By Chrisy Clifton, Updated 12/08/2019 04:31 UTC -6:			31 UTC -6:00 F	PP				
INCID	208 - Site Safety Plan  DENT ACTION PLAN SOFTWARE™ Printed 12/11/2019 16:40 UTC -6							UTC -6:00		67 of	104				© TR	G

ics:	208 - Site Safet	y Plan				Version	Name: 11/29/19 - I	Electrical Safety Plan
Incide	ent Name: South 4	Group Fire				Period: Period 1	3 [12/12/2019 06:00	) - 12/14/2019 06:00]
Safety	y Officer	Clifton, Chrisy	Ex	c. 6 Personal Privacy (PP)	Ope Chie	rations Section f	Carlton, Doug	Ex. 6 Personal Privacy (PP)
				Emerge	ncy F	Plan		
	Fire Prevention PI	an	х	Evacuation Plan	)			
	Alarm System		х	First Aid Locatio	n			
				Notific	catior	ıs		
	Facility			Phone		Facility		Phone
x	Hospital	Medical Center Southeast Tex		409-853-5900	х	Fire	Port Neches Fire Department	409-853-5900
x	Ambulance	Acadian EMS		409-980-7740		Law Enforcement		
х	Air Ambulance	Acadian AirMe	d	409-980-7740		Emergency Response/Rescu	1	
						е		
	1.77.1			Initial I	Briefi	ng		
	Initial safety briefir	ig prepared for e	acn si	te 				
ICS 2	08 - Site Safety PI	an			Pr	epared By Chrisy Clift	ton. Updated 12/08/20	019 04:31 UTC -6:00 PP
	ENT ACTION PLAN SOFT		12/11/20	19 16:40 UTC -6:00		68 of 104		© TRG
L		I			.1		I	

ics:	208 -	Site Safety P	lan						Ve	rsion	Nam	e: 11/29/19 - Site V	Vater Safety Plan
Incide	nt Nar	me: South 4 Grou	ıp Fire						Period: Pe	eriod	13 [12	2/12/2019 06:00 - 1	2/14/2019 06:00]
Applie	s to S	ite: Water Sourc	es										
							Site Chara	cterizat	ion				
Water			Land	d d					Weather				
Wave	Heigl	nt	Land	d U	se				Air Temp	)	72 F	ahrenheit	
Speed	ŀ								Wind Sp	eed	15 r	nph	
Direc	tion								Direction	1	NNE		
							Site H	azards					
Yes	No	Hazards		Ye	es	No	Hazards			Yes	No	Hazards	
x		Boat Safety				x	Fire, Explo	osion, In	-situ		x	Pump Hose	
х		Chemical Haza	rds	[2	x		Heat Stres	ss		х		Slips, Trips, and	l Falls
	х	Cold Stress				х	Helicopter	r Operati	ions		х	Steam and Hot	Water
	X	Confined Space	s			x	Lifting				x	Trenching/Exca	vation
X		Drum Handling		[2	X		Motor Veh	nicles			x	UV Radiation	
х		Equipment Ope	rations	[2	x		Noise			х		Visibility	
	х	Electrical Opera	itions			x	Overhead	/Buried	Utilities	X		Weather	
x					Plants/Wil	ldlife		X		Work Near Wate	er		
					Air Monito	ring Lin	nits						
Oxyge	n Lev	el		ŀ	1,3-	-Butad	liene		0.5ppm 5	min	Nitrog	gen Dioxide	0.2ppm 5 min
LEL			1% 1 mi	n	Buta	ane			500ppm (	5min	Partic	culate Matter	351ug/m3 5 min
Hydro	gen S	ulfide		-	Car	bon D	ioxide		5000pp	m 5 min	Total	VOC	5ppm 5min
Benze	ne		0.5ppm 5m	in	Car	bon M	lonoxide	25ppm 5min					
Total	Hydro	carbons		I	LEL	ACT	ION		5% 1	min			
						,	Engineerin	ig Conti	rols				
	Sourc	e of release sec	ured			Valve	(s) closed				Ene	rgy sources locked	l/tagged out
х	Site s	ecured		[	X	Facili	ty shut dow	n					
				P	ers	onal l	Protective	Equipm	ent Requ	ired			
	Impei	vious suit		[2	x	Hard	hats			х	Воо	ts	
	Inner	gloves				Resp	irators			X	Esc	ape pack	
x	Outer	gloves		[	X	Eye p	rotection						
X	Flame	e resistant clothir	ıg	[	X	Perso	onal flotatio	n					
				Α	ddi	tional	Control M	leasures	s Establis	hed			
х	Deco	ntamination			X	Illumi	nation				Add	itional stations esta	ablished
х	Sanit	ation				Medic	cal surveilla	ince		х	Fac	ilities provided	
						Work	Plan						
х	Boom	ning				Exca	vation		***************************************		Hot	work	
x Skimming x Heavy equip							y equipmer	nt			Арр	ropriate permits us	ed
x   Vac trucks     x   Sorbent pads						ent pads							
Pumping Patching						ning							
ICS 2	08 - Si	te Safety Plan						Prepa	ired By Chr	isy Cl	ifton, L	Jpdated 12/08/2019 (	04.32 UTC -6.00 PP
INCIDE	NT ACT	ION PLAN SOFTWARI	E™ Printed 1	12/11	L/201	9 16:40	UTC -6:00		69 of	104			© TRG

ICS	208 - Site Safe	ety Plan				Version t	Name: 11/29/19 - Sit	e Water Safety Plan	
Incide	ent Name: South 4	Group Fire				Period: Period 1	3 [12/12/2019 06:00	- 12/14/2019 06:00]	
				Tra	ining				
X	Verified site work regulatory require	ters trained per lo ements	cal/fe	deral Training Requiren	nents		cy Response Trainin	g	
				Orgar	nizatio	on			
Positi	ion	Name		Telephone/Radio	Posi	tion	Name	Telephone/Radio	
Incide	ent Commander	Hollier, Kurt			Incid	lent Commander	McDonald, Scott		
Safet	y Officer	Dorsa, Clayton		Ex. 6 Personal Privacy (PP)	Safe	ty Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)	
Opera Chief	ations Section	Park, Johnny			Ope Chie	rations Section f	Lynn, Gordon		
				Emerge	ency F	Plan			
x	Fire Prevention F	Plan	x	Evacuation Plan	1				
	Alarm System		x	First Aid Location	n				
				Notific	catio	าร			
	Facility			Phone		Facility		Phone	
x	Hospital	Medical Cente SETX	r of	409-853-5900	X	Fire	Port Neches Fire Department	409-853-5900	
x	Ambulance	Acadian Ambu	ılance	800-259-1111		Law Enforcement			
x	Air Ambulance	Southeast Tex Rescue	as Ai	r		Emergency Response/Rescu			
				Initial	Briefi	1-			
	Initial safety brief	ing prepared for e	each s						
ICS 2	08 - Site Safety F	Plan			Pr	epared By Chrisy Cliff	on, Updated 12/08/201	9 04 32 UTC -6 00 PP	
INCID	ENT ACTION PLAN SOF	TWARE™ Printed	12/11/2	2019 16:40 UTC -6:00		70 of 104		© TRG	

ICS 2	- 80	Site Safety P	lan				Version Nar	ne: 12/	08/19 -	- Site Visitor Requirements Safety Plan
Incide	nt Nar	ne: South 4 Grou	ıp Fire				Period: P	eriod 1	3 [12/ ⁻	12/2019 06:00 - 12/14/2019 06:00]
Applie	s to S	ite: Visitors								
						Site Chara	cterization			
Water			Lar	nd			Weathe	r		
Wave	Heigh	nt	Lar	nd Use			Air Tem	р		
Speed	l						Wind Sp	eed		
Direct	ion						Directio	n		
						Site Ha	azards			
Yes	No	Hazards		Yes	No	Hazards		Yes	No	Hazards
	x	Boat Safety		x		Fire, Explo	osion, In-situ		x	Pump Hose
	X	Chemical Hazaı	rds		х	Heat Stres	SS	х		Slips, Trips, and Falls
	X	Cold Stress			x	Helicopter	Operations		x	Steam and Hot Water
	X	Confined Space	s		x	Lifting			x	Trenching/Excavation
	х	Drum Handling			х	Motor Veh	icles		x	UV Radiation
	х	Equipment Ope	rations		х	Noise			х	Visibility
	х	Electrical Opera	itions		х	Overhead	/Buried Utilities		x	Weather
х		Fatigue			x	Plants/Wile	dlife		x	Work Near Water
						Air Monito	ring Limits	-		
Oxyge	n Lev	el	19.5% 21.5		droger	n Sulfide		٦	Total H	lydrocarbons
LEL				0 Ber	nzene					
						Engineerin	g Controls			
	Sourc	e of release sec	ured		Valve	e(s) closed			Energ	gy sources locked/tagged out
x	Site s	ecured		x	Facili	ity shut dow	n			
				Pers	onal	Protective I	Equipment Requ	iired		
	Imper	vious suit		х	Hard	hats		x	Boots	5
	Inner	gloves		X	Resp	oirators		X	Poter	ntial for Resp Prot
	Outer	gloves		x	Eye p	orotection				
x	Flame	resistant clothin	ng		Perso	onal flotation	า			
				Addi	tiona	l Control M	easures Establis	shed		
x	Decoi	ntamination		x	Illumi	ination			Addit	ional stations established
x	Sanita	ation			Medi	cal surveilla	nce		Facili	ties provided
						Work	Plan	•		
	Boom	ing			Exca	vation			Hot w	vork
	Skimr	ning			Heav	y equipmen	t		Appro	opriate permits used
	Vac tr	rucks			Sorbe	ent pads				
	Pump	ing			Patch	ning				
					1	Traii	ning	1	-	
		ed site workers tr tory requirement		cal/fed	eral	Training Requirem	ents			
		te Safety Plan	E ^{TIM} Printed	12/11/201	19 16·40	UTC -6:00	-	risy Clif	ton, Up	odated 12/08/2019 10:39 UTC -6:00 PP © TRG

ICS 208 - Site Safety Plan						Version Name: 12/08/19 - Site Visitor Requirements Safety Plan				
Incid	ent Name: South 4	4 Group Fi	re				Period: Period 1	13 [12/12/2019 06:0	0 - 12/14/2019 06:00]	
					Organ	nizatio	on			
Position Name T				Telephone/Radio	Posi	tion	Name	Telephone/Radio		
Incident Commander M		McDonal	/IcDonald, Scott			Operations Section Chief		Holley, Chad		
Incid	ent Commander	Hollier, K	Hollier, Kurt		Ex. 6 Personal Privacy (PP)	Operations Section Chief		Williams, James	Ex. 6 Personal Privacy (PP)	
Safety Officer Clifton,			Chrisy							
Emergency Plan										
x Fire Prevention Plan x					Evacuation Plan	Evacuation Plan				
Alarm System			First Aid Location							
	-				Notific	cation	15	1		
Facility					Phone			Phone		
x	Hospital				409-853-5900	x	Facility Fire	Port Neches Fire Dept	409-853-5900	
x	Ambulance	Acadia	Acadian EMS		409-980-7740		Law Enforcement			
Air Ambulance		Acadia	Acadian Air Med		409-980-7740		Emergency Response/Rescu	LI .		
					Initial	Briefi	ng			
	Initial safety brief	fing prepar	ed for ea	ach s	site					
	-				Attachments	s/App	endices			
Attachment Filename										
Site Orientation Log.xlsx						Site Orientation Log.xlsx				
Visitor Log.xlsx						Visitor Log.xlsx				
Site Visitor Requirements.docx					Site Visitor Red	Site Visitor Requirements.docx				
PNO Orientation 12.2019 FINAL.ppt					PNO Orientation 12.2019 FINAL.ppt					
ICS 208 - Site Safety Plan  INCIDENT ACTION PLAN SOFTWARE™ Printed 12/11/20:				:019 16:40 HTC -6:00	Pr	epared By Chrisy Clit	fton, Updated 12/08/2	019 10:39 UTC -6:00 PP © <b>TRG</b>		
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ICS 2	208 -	Site Safety P	lan				Version Nam	ie: 12/08	/19 - E	Baker Risk Debris Assessment Blk 17	
Incide	nt Nar	ne: South 4 Grou	ıp Fire				Period:	Period 1	3 [12/	12/2019 06:00 - 12/14/2019 06:00]	
Applie	s to S	ite: Baker Risk A	ssessmen	t Blk 17							
						Site Chara	cterization				
Water			La	nd			Weath	er			
Wave	Heigh	nt	La	nd Use			Air Ter	mp			
Speed	ı						Wind S	Speed			
Direct	ion						Directi	on			
						Site H	azards				
Yes	No	Hazards		Yes	No	Hazards		Yes	No	Hazards	
	X	Boat Safety		x		Heat Stres	ss	x		Steam and Hot Water	
X		Chemical Hazar	ds		x	Helicopter	Operations		x	Trenching/Excavation	
X		Cold Stress			x	Lifting			x	UV Radiation	
	X	Confined Space	:S	х		Motor Veh	icles		x	Visibility	
	X	Drum Handling		х		Noise		х		Weather	
	X	Equipment Ope	rations	х		Overhead	/Buried Utilities		x	Work Near Water	
	X	Electrical Opera	itions		x	Plants/Wil	dlife	x		Debris	
x		Fatigue			x	Pump Hos	se				
x	Fire, Explosion, In-situ Burning					Slips, Trip	s, and Falls				
,				Air Monit			ring Limits				
Oxyge	n Lev	el	19.5		droger	n Sulfide		-	Fotal F	lydrocarbons	
			20.	.5%							
LEL				0 Bei	nzene						
	-		-				g Controls	<del> </del>	T		
$\perp$		e of release secu	ured		-	e(s) closed			Energ	gy sources locked/tagged out	
x	Site s	ecured		x	<u> </u>	ty shut dow					
	-	-		T			Equipment Red	T			
ᆜ		vious suit		X	Hard			x	Boots		
Ц_		gloves		x		irators		X	APR	w/organic cartridge	
x		gloves		x		protection					
x	Flame	resistant clothin	ıg			onal flotation					
	-			T	<del></del>		easures Estab	lished	Т		
x		ntamination		x		ination				ional stations established	
x	Sanita	ation			Medi	cal surveilla			Facili	ities provided	
					T	Work	Plan		T		
Щ	Boom	-				vation			Hot w		
	Skimr					y equipmer	ıt		Appre	opriate permits used	
	Vac tr					ent pads					
Pumping Patchin											
							ning ————				
		ed site workers tra tory requirement		ocal/fed	eral 	Training Requirem	Site Orie	entation			
ICS 20	)8 - Si	te Safety Plan					Prepared By C	Chrisy Clif	ton. Ur	odated 12/08/2019 13:54 UTC -6:00 PP	
		ON PLAN SOFTWARE	E™ Printe	d 12/11/20	19 16:40	UTC -6:00		of 104		© TRG	

ICS	208 - Site Safe	ety Plan			] V	ersion Name: 12/0	3/19 - Baker Risk De	ebris Assessment Blk 17	
Incid	ent Name: South 4	4 Group Fire				Period: Period	13 [12/12/2019 06:0	0 - 12/14/2019 06:00]	
				Orgai	nizatio	on			
Posit	ion	Name		Telephone/Radio	Pos	ition	Name	Telephone/Radio	
Incid	ent Commander	McDonald, Sco	tt		Safe	ty Officer	Grissom, Billy		
Incid	ent Commander	Hollier, Kurt		Ex. 6 Personal Privacy (PP)	Ope Chie	rations Section of	Holley, Chad	Ex. 6 Personal Privacy (PP)	
Safet	y Officer	Clifton, Chrisy			Ope	rations Section	Williams, James		
				Emerge				<u> Lancarana anno anno anno anno a</u>	
x	Fire Prevention F	Plan	X						
	Alarm System			First Aid Location					
	<u> </u>		1 -	Notifi		ns			
	Facility			Phone					
x	Hospital	Medical Cente	er of	409-853-5900	x	Fire	Port Neches Fire	Phone 409-853-5900	
x	Ambulance	Acadian EMS		409-980-7740		Law Enforcement			
x Air Ambulance Acadian Air Me				409-980-7740		Emergency Response/Resc	u		
				Initial	Rrigh	1-			
	Initial safety brief	fing prepared for	each			9			
ICS 2	208 - Site Safety F	Plan			Pr	epared By Chrisy Cli	fton, Updated 12/08/2	019 13:54 UTC -6:00 PP	
INCID	ENT ACTION PLAN SOF	TWARE™ Printed	1 12/11/	/2019 16:40 UTC -6:00		74 of 104		© TRG	

ICS.	208 -	Site Safety P	lan						Version N	lame:	12/07/	19 - FLIR Camera U	Jse in Block 10
Incide	cident Name: South 4 Group Fire pplies to Site: Block 10 West of Process Unit								Period: Pe	eriod 1	3 [12/	12/2019 06:00 - 12/	14/2019 06:00]
Applie	es to S	ite: Block 10 We	st of Proces	s Uı	nit								
							Site Chara	cteriza	tion				
Wate	<u> </u>		Lan	d					Weather				
Wave	Heigl	ht	Lan	d U	se				Air Temp	)			
Spee	d								Wind Sp	eed			
Direc	tion								Direction	า			
							Site H	azards					
Yes	No	Hazards		Ye	es	No	Hazards			Yes	No	Hazards	
	x	Boat Safety		)	<		Fire, Expl Burning	osion, Ir	n-situ		x	Pump Hose	
х		Chemical Hazar	rds	2	<		Heat Stre	SS		х		Slips, Trips, and F	alls
							Helicopte	r Operat	tions	x		Steam and Hot Wa	ater
	x Confined Spaces x Lifting						<del></del>				х	Trenching/Excavat	tion
						Motor Vel	nicles			х	UV Radiation		
x Equipment Operations x Noise							x Visibility						
							ead/Buried Utilities						
						Plants/Wi	ldlife			x	Work Near Water		
							Air Monito	ring Lir	mits				_
Oxygen Level 19.5% - Hydrogen Sulfide 21.5%										Т	otal H	lydrocarbons	
LEL			2 pp	om E	3en	zene							
	,			,			Engineerir	ig Cont	rols	,			
		ce of release secu	ured				(s) closed				Energ	gy sources locked/ta	ngged out
X	Site s	ecured		2			ty shut dow						
				Po			Protective	Equipn	nent Requ	ired			
	<u> </u>	rvious suit		)		Hard				х	Boots		
		gloves		)		•	irators			X	SCBA	4	
		gloves		)			rotection						
X	Flame	e resistant clothin	g	L	'		nal flotatio						
				A			Control N	leasure	s Establis	hed			
X		ntamination		2			nation					ional stations establ	ished
X	Sanit	ation		L		Medio	cal surveilla				Facili	ties provided	
	,			,				( Plan		,			
	Boom	ning				Exca	vation				Hot w	ork e	
	Skim	ming		)	(	Heav	y equipmer	nt			Appro	opriate permits used	<b>I</b>
	Vac t	rucks				Sorbe	ent pads			x	Articu	ılating Diesel Manlif	t
	Pump	oing				Patch	ing						
Training						ning							
		ed site workers tra atory requirement		cal/f 	ede	eral 	Training Requiren	ients					
ICS 2	08 - S	ite Safety Plan						Prepa	ared By Chr	isy Clift	on, Up	odated 12/09/2019 05:	36 UTC -6:00 PP
INCID	NT ACT	ION PLAN SOFTWARE	Printed	12/11	/201	9 16:40	UTC -6:00		75 of	104			© TRG

ICS	208 - Site Safe	ty Plan				Version Name	: 12/07/19 - FLIR Car	mera Use in Block 10
Incid	ent Name: South 4	Group Fire				Period: Period	13 [12/12/2019 06:00	) - 12/14/2019 06:00]
				Organ	izatio	on		
Posit	ion	Name	7	elephone/Radio	Posi	tion	Name	Telephone/Radio
Incid	ent Commander	McDonald, Scott			Ope Chie	rations Section f	Holley, Chad	
Incid	ent Commander	Hollier, Kurt	E	c. 6 Personal Privacy (PP)	Safe	ty Officer	Keys, Chad	Ex. 6 Personal Privacy (PP)
Safet	y Officer	Clifton, Chrisy			Ope Chie	rations Section f	Bradley, Luther	
				Emerge	ncy F	Plan		-4
х	Fire Prevention F	Plan	х	Evacuation Plan	1			
	Alarm System			First Aid Location	n			
				Notifi	catio	าร		
	Facility			Phone Facility				Phone
x	Hospital	Med Center of	SETX	409-853-5900	X	Fire	Port Neches Fire Dept.	409-853-5900
x	Ambulance	Acadian EMS		409-980-7740		Law Enforcement		
X	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/Reso	cu	
				Initial	Briefi	ng		
	Initial safety brief	ing prepared for e	ach si	ite				
				Attachment:	s/App	endices		
Attac	chment			Filename				
12.09	9.2019 FLIR Came	ra Use in Block 10	 O	12.09.2019 FLI	R Cai	mera Use in Block	t 10 Safety.docx	
100.7	000 64-0-6-	Nav			<b>T</b> 5		NO I I I 40/00 Pe	MO DE 20 LITO 2 22
	208 - Site Safety F		10/24/27	140.46.40.1770	l Pr		lifton, Updated 12/09/20	
INCID	ENT ACTION PLAN SOF	IWARE™ Printed 1	L2/11/20 	19 16:40 UTC -6:00	1	76 of 104		© TRG

							I					
ICS 2	:08 -	Site Safety P	lan				Versio	n Name: 1	2/09/1	9 - Sca	affold Building- TK D	EHA Injection
Incide	nt Nar	ne: South 4 Grou	p Fire					Period: Pe	riod 1	3 [12/1	2/2019 06:00 - 12/1	4/2019 06:00]
Applie	s to S	ite: Scaffold Buil	ding- TK DE	HA Inj	ection							
						Site Chara	cteriza	tion				
Water			Lan	d				Weather				
Wave	Heigh	nt	Lan	d Use				Air Temp	)	81 Fal	hrenheit	
Speed	I							Wind Spe	eed	12 mp	oh .	
Direct	ion							Direction	1	sw		
		1		,	,	Site H	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	x	Boat Safety		х		Heat Stres				x	Steam and Hot Wa	
X		Chemical Hazar	ds		x	Helicopter Operations			ion			
	x	Cold Stress		X					UV Radiation			
	x	Confined Space	S		x				Visibility			
	x	Drum Handling		x		Noise x Weather						
x	ᆜ	Equipment Oper	x	Overhead		Utilities		x	Work Near Water			
	x	Electrical Opera	tions		x	Plants/Wil			х		Fall from elevation	
x	ᆜ	Fatigue			x	Pump Hos			X		Pinch Points	
	x	Fire, Explosion, Burning	In-situ	x		Slips, Trip	s, and F	-alls				
						Air Monito	ring Lir	nits				
Oxygen Level 19.5% 21.59					, , ,				٦	Fotal H		
LEL			5% for 1		nzene				E	Butadie	ne	0.5ppm
			minute Action lin									(respirator)
						Engineerin	g Cont	rols				
	Sourc	e of release secu	ıred		Valve	e(s) closed				Energ	y sources locked/ta	gged out
x	Site s	ecured		x	Facili	ity shut dow	'n					
				Pers	onal l	Protective .	Equipn	ient Requi	red			
	Imper	vious suit		х	Hard	hats			x	Boots		
	Inner	gloves		x	Resp	irators			X	Harne syster	ess with Lanyard (Fa n)	all arrest
х	Outer	gloves		х	Eye p	protection			x	High o	concentration = SCE	ЗА
x	Flame	resistant clothin	g		Perso	onal flotation	n		x	Low c	oncentration = APR	with organic
				Add	itiona	l Control M	leasure	s Establis	hed			
	Deco	ntamination		х	Illumi	ination				Additio	onal stations establ	ished
x	Sanita	ation			Medi	cal surveilla	ince		х	Facilit	ies provided	
						Work	Plan			-		
	Boom	ing			Exca	vation				Hot w	ork	
	Skimr	ning			Heav	y equipmer	nt			Appro	priate permits used	
	Vac tr	rucks			Sorbe	ent pads			x	Buildir	ng	
	Pump	ing			Patch	ning			х	Climbi	ing	
				•	•					•		
ICS 20	)8 - Si	te Safety Plan					Prepa	red By Clay	ton Do	rsa, Upo	dated 12/09/2019 15 (	59 UTC -6:00 PP
		ON PLAN SOFTWARE	Printed :	12/11/20	19 16:40	UTC -6:00		77 of :	L04		T	© TRG

ICS	208 - Site Safe	ety Plan			Vers	sion Name: 12/09/	19 - Scaffold Building	- TK DEHA Injection
Incide	ent Name: South 4	Group Fire			Ī	Period: Period	13 [12/12/2019 06:00	- 12/14/2019 06:00]
				Tra	ining			
	Verified site work regulatory require		local/fed	deral Training Requiren	nents			
	·			Organ	izatio	on		
Positi	ion	Name	7	Telephone/Radio	Posi	tion	Name	Telephone/Radio
Incide	ent Commander	Hollier, Kurt			Safe	ty Officer	Clifton, Chrisy	
Opera Chief	ations Section	Williams, Jame	es	x. 6 Personal Privacy (PP)	Safe	ty Officer	Dorsa, Clayton	Ex. 6 Personal Privacy (PP)
Incide	ent Commander	McDonald, Sco	ott [		Ope Chie	rations Section f	Holley, Chad	
				Emerge	ncy F	Plan		
x	Fire Prevention F	Plan	x	Evacuation Plan				
	Alarm System			First Aid Location	n			
				Notifi	catior	ıs		
	Facility			Phone		Facility		Phone
X	Hospital			409-853-5900	x	Fire	Port Neches Fire Dept	409-853-5900
x	Ambulance	Acadian EMS		409-980-7740		Law Enforcement		
X	Air Ambulance	Acadian Air N	<b>/</b> led	409-980-7740		Emergency Response/Resco	u	
				Initial	Briefi	1-		
	Initial safety brief	ing prepared for	each s			-9		
		<u> </u>		Attachments	s/App	endices		
Attac	hment			Filename				
Scaff	old Building for DE	EHA Tanks Safe	ty	Scaffold Buildir	ng for	DEHA Tanks Safe	ty Plan.docx	
Plan.	docx							
ICS 2	08 - Site Safety F	Plan			Pre	pared By Clayton Do	orsa, Updated 12/09/20	19 15:59 UTC -6:00 PP
INCID	ENT ACTION PLAN SOF	TWARE™ Printe	ed 12/11/2	019 16:40 UTC -6:00		78 of 104		© TRG

ICS 2	- 80	Site Safety P	lan				Version Nar	me: 12/1	0/2019	Night Operations General Safety Plan
Incide	nt Nar	ne: South 4 Groເ	ıp Fire				Period:	Period 1	3 [12/	12/2019 06:00 - 12/14/2019 06:00]
Applie	s to S	ite: Night Operat	tions Genera	al Safe	ty Plai	n	***************************************			
						Site Chara	cterization			
Water			Lan	d			Weath	er		
Wave	Heigh	nt	Lan	d Use			Air Te	mp		
Speed	I						Wind \$	Speed		
Direct	ion						Directi	ion		
						Site H	azards			
Yes	No	Hazards		Yes	No	Hazards		Yes	No	Hazards
	X	Boat Safety		x		Heat Stres	ss	х		Steam and Hot Water
x		Chemical Hazar	ds		x	Helicopter	Operations		x	Trenching/Excavation
x		Cold Stress			x	Lifting			х	UV Radiation
	X	Confined Space	s	x		Motor Veh	icles	х		Visibility
x		Drum Handling		x		Noise		х		Weather
x		Equipment Ope	rations	x		Overhead	/Buried Utilities		x	Work Near Water
	x	Electrical Opera	itions	x		Plants/Wil	dlife	х		Debris
x		Fatigue		x		Pump Hos	se			
x		Fire, Explosion, Burning	In-situ	x		Slips, Trip	s, and Falls			
						Air Monito	ring Limits			'
								lydrocarbons		
			20.5							
LEL				0 Ber						
				T (-)	T		g Controls	<del> </del>		1 10
		e of release secu	ured			e(s) closed		$\bot$	Energ	gy sources locked/tagged out
x	Site s	ecured		x		ty shut dow		<u> </u>		
	1			T			Equipment Red	T	D4-	_
		vious suit		X	Hard			X	Boots	
		gloves		x	-	irators		X		when determined by CTEH A in Exclusion Zone
		gloves e resistant clothin		x		orotection onal flotation	•	X	SCD/	A III EXCIUSION ZONE
x	rianie	resistant ciotinii	iy				'  easures Estab	lichad		
<u></u>	Dogg	ntamination		т		nation	easures Estab	listieu -	Vadit	ional stations established
	Sanita			X		cal surveilla	200		-	ities provided
<u> </u>	Same	311011			Medic	Work			raciii	illes provided
	Boom	ina		Ιп	Even	vation	; 1 <b>0</b> 11		Hot w	vork
	Skimr	<del>-</del>				y equipmer	• <del>†</del>			opriate permits used
	Vac tr					ent pads			Appro	opnate permits used
L I	Pump				Patch					
X	rump	ang			Fator		ning			
		ed site workers tr tory requirement		cal/fed	eral	Training Requirem	Site Orie	entation		
ICS 20	)8 - Si	te Safety Plan					Prepared By 0	Chrisy Clif	ton, Up	odated 12/10/2019 10:12 UTC -6:00 PP
		ON PLAN SOFTWARE	Printed	12/11/20	19 16:40	UTC -6:00		of 104		© TRG

ıcs	208 - Site Safe	ty Plan			Jν	ersion Name: 12/10	0/2019 Night Operat	ions General Safety Plan
Incide	ent Name: South 4	Group Fire				Period: Period 1	3 [12/12/2019 06:00	- 12/14/2019 06:00]
				Organ	izatio	on		
Positi	ion	Name		Telephone/Radio	Posi	tion	Name	Telephone/Radio
Incide	ent Commander	McDonald, Sco	ott		Safe	ty Officer	Grissom, Billy	
Incide	ent Commander	Hollier, Kurt		Ex. 6 Personal Privacy (PP)	Ope Chie	rations Section f	Holley, Chad	Ex. 6 Personal Privacy (PP)
Safet	y Officer	Clifton, Chrisy			Ope Chie	rations Section f	Williams, James	
				Emerge	ncy F	Plan	I	<u> </u>
х	Fire Prevention F	Plan	x	Evacuation Plan	) 			
H	Alarm System		x	_				
				Notific		ıs	I .	
	Facility			Phone		Facility		Phone
x	Hospital	Medical Cent SETX	er of	409-853-5900	X	Fire	Port Neches Fire Dept	409-853-5900
x	Ambulance	Acadian EMS	3	409-980-7740		Law Enforcement	•	
X	Air Ambulance	Acadian Air N	/led	409-980-7740		Emergency Response/Rescu		
				Initial	Rriofi	1-		
	Initial safety brief	ing prepared for	· each		<i></i>	''y		
ICS 2	08 - Site Safety F	'lan			Pr	epared By Chrisy Clif	on, Updated 12/10/20	19 10 12 UTC -6:00 PP
	ENT ACTION PLAN SOF		d 12/11/	2019 16:40 UTC -6:00		80 of 104	© TRG	

ics:	208 -	Site Safety PI	an					Version I	Name:	12/07	/19 - BD Tank 100 I	DEHA Injection
Incide	nt Nar	me: South 4 Grou				Period: P	eriod 1	3 [12/	12/2019 06:00 - 12/	14/2019 06:00]		
Applie	s to S	ite: Butadiene Ta	nk 100 DEF	IA Inh	ibitor I	njection						
						Site Chara	cterizat	ion				
Wate	٢		Lan	d				Weather				
Wave	Heigl	nt	Lane	d Use				Air Tem	)	50 Fa	hrenheit	
Speed	d							Wind Sp	eed	17 m	oh	
Direc	tion							Direction	1	NNE		
					т		azards				<del></del>	
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	х	Boat Safety		x		Fire, Expl Burning	osion, In	-situ	х		Pump Hose	
X		Chemical Hazard	ds	х		Heat Stre			х		Slips, Trips, and F	
							ter Operations					
Щ	x	Confined Spaces	6	x		Lifting				x	Trenching/Excava	tion
х		Drum Handling	45		x	Motor Ver	nicles			x	UV Radiation	
X Equipment Operations X Noise							/D	1 140040		x	Visibility	
							/Buried	Utilities		x	Weather	
								- 54 -		x	Work Near Water	
Owa	en Lev	ol .	19.5%	Шуу		Air Monito Sulfide	ing Lii	IIIS	17	otal W	lydrocarbons	Τ
Oxyge	en Lev	ei	21.5		aroger	i Suillue				olai n	lydrocarbons	
LEL			5% for 1 m	nin Bei	nzene				E	3D		0.5ppm for 5 min
		-				Engineerir	ig Conti	rols				
	Sourc	ce of release secu	red		Valve	(s) closed				Energ	gy sources locked/ta	agged out
x	Site s	ecured		x	Facili	ty shut dow	'n					
				Pers	onal l	Protective	Equipm	ent Requ	ired			
	Imper	∿ious suit		х	Hard	hats			х	Boots	}	
	Inner	gloves		х	Resp	irators			x	High	concentration = SC	BA
x	Outer	gloves		x	Eye p	protection			x	Low o	concentration = APF	R with organic
х	Flame	e resistant clothing	9		Perso	onal flotatio	n					
				Add	itiona	Control N	leasure:	s Establis	hed			
X	Deco	ntamination		x	Illumi	nation				Additi	ional stations estab	ished
х	Sanita	ation			Medi	cal surveilla	ınce			Facili	ties provided	
	,			,		Work	Plan		·	,		
	Boom	ning			Exca	vation				Hot w	ork	
Skimming Heavy equipmer						)t			Appro	ppriate permits used	l	
	Vac ti					ent pads						
Х	Pump	ping			Patch							
							ning					
		ed site workers tra atory requirements		cal/fed	eral	Training Requirem	ents					
ICS 2	08 - Si	ite Safety Plan					Prepa	ired By Chi	isy Clif	ton, Up	dated 12/11/2019 06	15 UTC -6:00 PP
INCIDE	NT ACT	ION PLAN SOFTWARE	™ Printed 1	12/11/20	19 16:40	UTC -6:00		81 of	104			© TRG

ICS	208 - Site Safe	ty Plan				Version Name	: 12/07/19 - BD Tar	nk 100 DEHA Injection			
Incide	ent Name: South 4	Group Fire				Period: Period 1	13 [12/12/2019 06:0	00 - 12/14/2019 06:00]			
				Organ	izatio	on					
Posit	ion	Name		Telephone/Radio	Posi	tion	Name	Telephone/Radio			
Incid	ent Commander	Hollier, Kurt			Safe	ty Officer	Dorsa, Clayton				
Oper Chiet	ations Section	Williams, Jame	s	Ex. 6 Personal Privacy (PP)	Safe	ty Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)			
Incide	ent Commander	McDonald, Sco	tt .		Ope Chie	rations Section f	Holley, Chad				
				Emerge	ncy F	Plan					
x	Fire Prevention F	Plan	x	Evacuation Plan							
	Alarm System			First Aid Locatio	n						
	,			Notific	atio	าร					
	Facility			Phone		Facility		Phone			
x	Hospital	Med Center o	f SET	K 409-853-5900	X	Fire	Port Neches Fire Dept	409-853-5900			
X	Ambulance	Acadian EMS	•	409-980-7740		Law Enforcement					
x	Air Ambulance	Acadian Air M	1ed	409-980-7740		Emergency Response/Rescu	u				
				Initial I	3 <i>riefi</i>	ng					
	Initial safety brief	ing prepared for	each s	site							
				Attachments	S/App	endices					
Attac	chment			Filename							
	diene Tank DEHA _FINAL.docx	Injection		Butadiene Tank	Butadiene Tank DEHA Injection Plan_FINAL.docx						
	SEP-ALL-600-F21 sis.docx	I Job Safety		EHS-SEP-ALL-	EHS-SEP-ALL-600-F21 Job Safety Analysis.docx						
	7.2019 BD Tank 10 y P.pdf	00 DEHA Injection	n	12.07.2019 BD	Tank	100 DEHA Injection	on Safety P.pdf				
ICS 2	08 - Site Safety F	'lan			Pr	epared By Chrisy Clit	fton, Updated 12/11/2	2019 06:15 UTC -6:00 PP			
INCID	ENT ACTION PLAN SOF	TWARE™ Printed	1 12/11/2	019 16:40 UTC -6:00		82 of 104		© TRG			

ics:	208 -	Site Safety PI	an					Version I	Name:	12/07	/19 - BD Tank 101 I	DEHA Injection
Incide	nt Nar	me: South 4 Grou	p Fire					Period: Pe	eriod 1	3 [12/	12/2019 06:00 - 12/	14/2019 06:00]
Applie	s to S	ite: Butadiene Ta	nk 101 DEF	IA Inh	ibitor I	njection						
						Site Chara	cterizat	ion				
Wate	٢		Land	d				Weather				
Wave	Heigl	nt	Land	d Use				Air Tem	)	50 Fa	hrenheit	
Spee	d							Wind Sp	eed	17 m	oh	
Direc	tion							Direction	1	NNE		
					т		azards				<del></del>	
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	х	Boat Safety		x		Fire, Expl Burning	osion, In	-situ	х		Pump Hose	
х		Chemical Hazard	ds	х		Heat Stre			X		Slips, Trips, and F	
							ter Operations X Steam and Hot Water					
Щ	x	Confined Spaces	6	x		Lifting				x	Trenching/Excava	tion
х		Drum Handling	43		x	Motor Vel	nicles			x	UV Radiation	
X   Equipment Operations     X   Noise     V   Electrical Operations							(D	. 1411141		x	Visibility	
							/Buried	Utilities		x	Weather	
										x	Work Near Water	
Ovya	en Lev	ol .	19.5%	اللاللا		Air Monito Sulfide	ning Lin	iiits 	17	otal W	lydrocarbons	T
Oxyge	en Lev	ei	21.5		aroger	i Suillue				olai n	lydrocarbons	
LEL			5% for 1 m	in Bei	nzene				E	3D		0.5ppm for 5 min
						Engineerir	ng Conti	rols				
	Sourc	ce of release secu	red		Valve	(s) closed				Energ	gy sources locked/ta	agged out
x	Site s	ecured		x	Facili	ty shut dow	/n					
				Pers	onal l	Protective	Equipm	ent Requ	ired			
	Imper	∿ious suit		X	Hard	hats			х	Boots	}	
	Inner	gloves		x	Resp	irators			x	High	concentration = SC	BA
x	Outer	gloves		x	Eye p	protection			x	Low o	concentration = APF	R with organic
х	Flame	e resistant clothing	)		Perso	onal flotatio	n					
				Add	itiona	Control N	leasures	s Establis	hed			
X	Deco	ntamination		X	Illumi	nation				Additi	ional stations estab	ished
х	Sanita	ation			Medi	cal surveilla	nce			Facili	ties provided	
						Work	Plan					
	Boom	ning			Exca	vation				Hot w	vork	
Skimming Heavy equipmer						nt			Appro	priate permits used		
	Vac ti					ent pads						
х	Pump	ping			Patch							
							ning					
		ed site workers tra atory requirements		cal/fed	eral	Training Requirem	nents					
ICS 2	08 - Si	ite Safety Plan					Prepa	ired By Chi	isy Clif	ton, Up	dated 12/11/2019 06	16 UTC -6:00 PP
INCIDE	NT ACT	ION PLAN SOFTWARE	™ Printed 1	12/11/20	19 16:40	UTC -6:00		83 of	104			© TRG

ICS	208 - Site Safe	ty Plan				Version Nam	ne: 12/07/1	9 - BD Tank	101 DEHA Injection
Incide	ent Name: South 4	Group Fire				Period: Period	13 [12/12	2/2019 06:00	- 12/14/2019 06:00]
				Orgar	nizatio	ın			
Posit	ion	Name	7	elephone/Radio	Posit	tion	Name		Telephone/Radio
Incide	ent Commander	Hollier, Kurt			Safe	ty Officer	Clifton	, Chrisy	
Oper Chief	ations Section	Williams, Jame	S	x. 6 Personal Privacy (PP)	Oper Chie	rations Section f	Holley	, Chad	Ex. 6 Personal Privacy (PP)
Incide	ent Commander	McDonald, Sco	tt						
	1.000		L	Emerge	ency F	lan			
x	Fire Prevention P	'lan	х	Evacuation Plan	ì				
	Alarm System			First Aid Location	n				
				Notifi	cation	IS			
	Facility			Phone		Facility			Phone
x	Hospital	Med Center o	f SETX	409-853-5900	х	Fire	Port N Dept	leches Fire	409-853-5900
x	Ambulance	Acadian EMS		409-980-7740		Law Enforcement			
x	Air Ambulance	Acadian Air M	led	409-980-7740		Emergency Response/Res	cu		
				Initial	Rriefii	-			
	Initial safety briefi	ng prepared for	each si			-9			
	1	<u>9</u> pp		Attachment	s/App	endices			
Attac	:hment			Filename	• • •				
12.07	7.2019 BD Tank 10 y P.pdf	1 DEHA Injectio	n		Tank	101 DEHA Injec	tion Safet	y P.pdf	
Butao	diene Tank DEHA FINAL.docx	Injection		Butadiene Tan	k DEH	A Injection Plan	_FINAL.do	OCX	
EHS-	SEP-ALL-600-F21	Job Safety		EHS-SEP-ALL-	-600-F	21 Job Safety A	nalysis.do	CX	
ICS 208 - Site Safety Plan         Prepared By Chrisy Clifton, Updated 12/11/2019 06:16 UTC -6:00           INCIDENT ACTION PLAN SOFTWARE™         Printed 12/11/2019 16:40 UTC -6:00         84 of 104         ® T									19 06:16 UTC -6:00 PP © <b>TRG</b>
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ics:	208 -	Site Safety PI	an					Version I	Name:	12/07	/19 - BD Tank 104 I	DEHA Injection
Incide	nt Nar	me: South 4 Grou	p Fire					Period: P	eriod 1	3 [12/	12/2019 06:00 - 12/	14/2019 06:00]
Applie	s to S	ite: Butadiene Ta	nk 104 DEH	IA Inh	ibitor I	njection						
						Site Chara	cterizat	ion				
Wate	٢		Land	d				Weather				
Wave	Heigl	nt	Land	d Use				Air Tem	)	50 Fa	hrenheit	
Spee	d							Wind Sp	eed	17 m	ph	
Direc	tion							Direction	1	NNE		
					T	<del></del>	azards				<del></del>	
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	x	Boat Safety		x		Fire, Expl Burning		-situ	х		Pump Hose	
х		Chemical Hazard	ds	x		Heat Stre			X		Slips, Trips, and F	
	x	Cold Stress			x	Helicopte	r Operati	ions		x	Steam and Hot Wa	
Щ	x	Confined Spaces	6	x		Lifting				x	Trenching/Excava	tion
X		Drum Handling	- 12		x	Motor Vel	nicles			X	UV Radiation	
X		Equipment Oper		X		Noise	ead/Buried Utilities					
X	Ш	raugue			1	Nildlife						
Ovva	en Lev	ام	19.5%	- Hv		Sulfide	nny Lin	III.S	Т	Total H	lydrocarbons	
Oxyge	SII LEV	CI	21.5		aroger	Juniue			1	Otarri	lydrocarbons	
LEL			5% for 1 m	in Bei	nzene				E	3D		0.5ppm for 5 min
						Engineerir	ng Contr	rols				
	Sourc	ce of release secu	red		Valve	(s) closed				Energ	gy sources locked/ta	agged out
Х	Site s	ecured		X	Facili	ty shut dow	/n					
				Pers	onal l	Protective	Equipm	ent Requ	ired			
	Imper	vious suit		x	Hard	hats			х	Boots	3	
		gloves		x	·	irators			x	ļ	concentration = SC	
x	Outer	gloves		x	Eye p	protection			x	Low o	concentration = APF	R with organic
х	Flame	e resistant clothing	9		Perso	onal flotatio	n					
				Add	itiona	Control N	leasures	s Establis	hed			
х	Deco	ntamination		X	Illumi	nation				Additi	ional stations estab	lished
X	Sanita	ation			Medi	cal surveilla	nce			Facili	ties provided	
	,				,	Work	Plan		,	,		
Booming Excavation										Hot w		
	Skim					y equipmer	nt			Appro	opriate permits used	1
	Vac ti			Ш		ent pads						
x	Pump	oing			Patch					<u> </u>		
							ning					
		ed site workers tra atory requirements		cal/fed	eral	Training Requiren	nents					
ICS 2	08 - Si	ite Safety Plan					Prepa	ired By Chi	isy Cliff	ton, Up	dated 12/11/2019 06	19 UTC -6:00 PP
INCIDE	NT ACT	ION PLAN SOFTWARE	12/11/20	19 16:40	UTC -6:00	00 85 of 104 © TRG						

ICS	S 208 - Site Safety Plan cident Name: South 4 Group Fire					Version N	Name: '	12/07/19 - BD Tank	104 DEHA Injection			
Incide	ent Name: South 4	Group Fire				Period: Pe	eriod 13	3 [12/12/2019 06:00	- 12/14/2019 06:00]			
				Organ	izatio	n						
Posit	ion	Name	7	elephone/Radio	Posit	ion		Name	Telephone/Radio			
	ent Commander	Hollier, Kurt			1	ty Officer		Clifton, Chrisy	Ex. 6 Personal Privacy (PP)			
Chief		Williams, James	'	Ex. 6 Personal Privacy (PP)	Oper Chie	rations Section	on	Holley, Chad	L. oreisoliairiivacy (FF)			
Incide	ent Commander	McDonald, Scot	t									
	<u> </u>			Emerge		lan						
x	Fire Prevention P	lan	x	Evacuation Plan								
	Alarm System			First Aid Locatio								
	E 111			Notific	ation				n.			
<u> </u>	Facility	Band Contour of		Phone 1400 050 5000		Facility		Dard March on Fire	Phone 400 500			
X	Hospital		SEIX	409-853-5900	x	Fire .		Port Neches Fire Dept	409-853-5900			
x	Ambulance	Acadian EMS		409-980-7740		Law Enforcement	nt					
x	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/I						
					Drinfi.	e						
	Initial safety briefi	ng prepared for e		Jiieiii	,y							
	miliar salety brief	Juon J	Attachments	:/Ann	endices							
Attac	hment			Filename	~··PP							
EHS-	SEP-ALL-600-F21	Job Safety		EHS-SEP-ALL-	600-F	21 Job Safet	ty Analy	ysis.docx				
12.07	.2019 BD Tank 10 y P.pdf	4 DEHA Injection	n	12.07.2019 BD	Tank	104 DEHA Ir	njection	Safety P.pdf				
ļ	· · · · · · · · · · · · · · · · · · ·			104.jpg	104.jpg							
<u> </u>												
	08 - Site Safety P				Pre	pared By Chri	isy Clifto	on, Updated 12/11/20	19 06:19 UTC -6:00 pp			
INCID	ENT ACTION PLAN SOFT	rware™ Printed	12/11/20	019 16:40 UTC -6:00		86 of 3	104		© TRG			

ics:	ICS 208 - Site Safety Plan Incident Name: South 4 Group Fire Applies to Site: Butadiene Tank 109 DEHA Inhibitor Injectio						Ve	rsion N	lame:	12/07	/19 - BD Tank 109	DEHA Injection
Incide	nt Nar	me: South 4 Group	Fire				Per	iod: Pe	riod 1	3 [12/ ²	12/2019 06:00 - 1	2/14/2019 06:00]
Applie	es to S	ite: Butadiene Ta	nk 109 DEH	IA Inh	ibitor I	njection						
						Site Chara	cterization					
Wate	r		Land	k			We	ather				
Wave	Heigh	nt	Land	d Use			Air	[·] Temp				
Spee	d						Wi	nd Spe	ed			
Direc	tion						Dir	ection				
						Site H	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	х	Boat Safety		X		Fire, Explo	osion, In-situ	J	х		Pump Hose	
X		Chemical Hazard	ls	x		Heat Stres	SS		x		Slips, Trips, and	Falls
	x	Cold Stress			x	Helicopter	Operations	,		x	Steam and Hot \	<i>N</i> ater
	x	Confined Spaces		x		Lifting				x	Trenching/Excav	/ation
X		Drum Handling			x	Motor Veh	icles			x	UV Radiation	
X		Equipment Opera	ations	X		Noise				x	Visibility	
	X	Electrical Operat	ions		x	Overhead	ead/Buried Utilities x Weather					
х		Fatigue			x	Plants/Wil	dlife			x	Work Near Wate	er
						Air Monito	ring Limits					
Oxyge	en Lev	el	19.5% 21.5				T	otal H	lydrocarbons			
LEL				0 Ber	nzene							
					ı	Engineerin	g Controls					
	Sourc	e of release secu	red			(s) closed				Energ	gy sources locked	/tagged out
X	Site s	ecured		x	Facili	ty shut dow	n					
				Pers	onal F	Protective i	Equipment	Requi	red			
	Imper	vious suit		X	Hard				X	Boots		
		gloves		X	·	irators			x	ļ	concentration = S	
x		gloves				protection			X	Low o	concentration = Al	PR with organic
x	Flame	e resistant clothing	J			onal flotation						
				Add	<del></del>		easures Es	tablis	hed			
Х		ntamination		x		nation				ļ	ional stations esta	ıblished
х	Sanita	ation			Medic	cal surveilla	nce		Ш	Facili	ties provided	
	<del></del>		<del></del>		<del></del>	Work	Plan			<del></del>		
	Boom				Exca					Hot w		
Skimming Heavy equip							t			Appro	opriate permits us	ed
	Vac ti					ent pads						
х	Pump	ping			Patch	ing						
						Trail	ning					
Verified site workers trained per local/federal regulatory requirements  Training Requirements												
ICS 2	08 - Si	te Safety Plan			Prepared	By Chri	sy Cliff	ton, Up	dated 12/11/2019 0	6:20 UTC -6:00 PP		
INCIDE	NT ACT	ION PLAN SOFTWARE	2/11/20	19 16:40	UTC -6:00		87 of 1	.04			© TRG	

ICS	CS 208 - Site Safety Plan ncident Name: South 4 Group Fire					Version Name: 12/07/19 - BD Tank 109 DEHA Injectio Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00					
Incid	ent Name: South 4	Group Fire				Period: Period	13 [12/12	2/2019 06:00	- 12/14/2019 06:00]		
				Organ	izatio	in					
Posit	ion	Name	7	elephone/Radio	Posit	tion	Name		Telephone/Radio		
Incid	ent Commander	Hollier, Ku	rt		Safe	ty Officer	Clifton,	Chrisy	Ex. 6 Personal Privacy (PP)		
Oper Chiet	ations Section	Williams, J	lames _E	x. 6 Personal Privacy (PP)	Oper Chie	rations Section f	Holley,	Chad	Ex. o reisonal rilvacy (Fr)		
Incide	ent Commander	McDonald,	Scott								
				Emerge	ncy F	lan					
x	Fire Prevention P	Plan	х	Evacuation Plan							
	Alarm System			First Aid Locatio	n						
				Notific	cation	ıs					
	Facility			Phone		Facility			Phone		
x	Hospital	Med Cen	ter of SETX	409-853-5900	x	Fire	Port N Dept	leches Fire	409-853-5900		
x	Ambulance	Acadian	EMS	409-980-7740		Law Enforcement					
X	Air Ambulance	Acadian	Air Med	409-980-7740		Emergency Response/Reso	u				
				Initial	Briefii	[-					
	Initial safety briefi	ing prepared	d for each si			.9					
Attachments/Appendices											
Attac	hment			Filename							
109.j	 og			109.jpg							
	SEP-ALL-600-F21	Job Safety	·	EHS-SEP-ALL-	600-F	21 Job Safety An	alysis.do	CX			
12.07	7.2019 BD Tank 10 y P.pdf	9 DEHA Inj	ection	12.07.2019 BD Tank 109 DEHA Injection Safety P.pdf							
ICS 2	08 - Site Safety P	lan			Pre	epared By Chrisy Cl	ifton, Upd	ated 12/11/201	9 06:20 UTC -6:00 PP		
INCID	ENT ACTION PLAN SOF	TWARE™	Printed 12/11/20	19 16:40 UTC -6:00		88 of 104		© TRG			

ics:	208 -	Site Safety Pl	an					Version	Name	: 12/0	7/19 - BD Tank 90 I	DEHA Injection
Incide	nt Nar	me: South 4 Grou	p Fire					Period: P	eriod 1	3 [12/	12/2019 06:00 - 12/	14/2019 06:00]
Applie	s to S	ite: Butadiene Ta	nk 90 DEH	4 Inhik	itor In	jection						
						Site Chara	cterizat	ion				
Wate	٢		Land	d				Weather				
Wave	Heigl	ht	Land	d Use				Air Tem	)	50 Fa	hrenheit	
Speed	d							Wind Sp	eed	17 m	oh	
Direc	tion							Direction	1	NNE		
		T			T		azards				T	
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	x	Boat Safety		x		Fire, Expl Burning		-situ	х		Pump Hose	
X		Chemical Hazard	ds	X		Heat Stre			х		Slips, Trips, and F	
X		Cold Stress			x	Helicopte	Operati	ions		x	Steam and Hot Wa	
Щ	x	Confined Spaces	6	x		Lifting				x	Trenching/Excava	tion
X		Drum Handling	- 12		X	Motor Ver	nicles			X	UV Radiation	
X		Equipment Oper		X		Noise	/D	143345		x	Visibility	
							ad/Buried Utilities					
X	Ш	raugue				Nildlife						
Ovva	en Lev	رما	19.5%	- Hw		Sulfide	ing Lin	III.S	Π	Total H	lydrocarbons	
Oxyge	SII LEV	CI	21.5		aroger	Guillae				Otarri	lydrocarbons	
LEL			5% for 1 mi (actio		nzene				E	3D		0.5ppm 5 min
						Engineerir	ıg Conti	rols				
	Sourc	ce of release secu	red		Valve	(s) closed				Energ	gy sources locked/ta	agged out
х	Site s	ecured		x	Facili	ty shut dow	'n					
				Pers	onal I	Protective	Equipm	ent Requ	ired			
	Impei	vious suit		x	Hard	hats			х	Boots	3	
		gloves		x	ļ	irators			х	ļ	concentration = SC	
x	Outer	gloves		x	Eye p	protection			x	Low o	concentration = APF	R with organic
X	Flame	e resistant clothing	g		Perso	onal flotatio	n					
				Add	itiona	Control N	leasure	s Establis	hed			
X		ntamination		X	ļ	nation				ļ	ional stations establ	lished
х	Sanit	ation			Medi	cal surveilla	ınce			Facili	ties provided	
					T		Plan					
Booming Excavation										Hot w		
☐ Skimming   ☐ Heavy equipme     ☐ Vac trucks   ☐ Sorbent pads							)t 		<u> </u>	Appro	opriate permits used	
						ent pads						
X	Pump	oing			Patch							
			- 1 1	116			ning					
		ed site workers tra atory requirements		cal/ted	eral	Training Requiren	ents					
ICS 2	08 - Si	ite Safety Plan					Prepa	ired By Chi	isy Clif	ton, Up	dated 12/11/2019 06:	29 UTC -6:00 PP
INCIDE	NT ACT	ION PLAN SOFTWARE	Printed 1	2/11/20	19 16:40	UTC -6:00		89 of	104			© TRG

ICS	CS 208 - Site Safety Plan ncident Name: South 4 Group Fire					Version Nar	ne: 12/07	/19 - BD Tanl	k 90 DEHA Injection	
Incid	ent Name: South 4	Group Fire				Period: Period	13 [12/12	2/2019 06:00	- 12/14/2019 06:00]	
				Organ	izatio	n				
Posit	ion	Name	T	elephone/Radio	Posi	tion	Name		Telephone/Radio	
Incid	ent Commander	Hollier, Kurt			Safe	ty Officer	Clifton	Chrisy	Ex. 6 Personal Privacy (PP)	
Oper Chief	ations Section	Williams, Ja	mes	c. 6 Personal Privacy (PP)	Opei Chie	rations Section f	Holley	Chad	LX. 0 Fersonial Frivacy (FF)	
Incide	ent Commander	McDonald, 9	Scott							
			*	Emerge		lan				
x	Fire Prevention P	lan	x	Evacuation Plan						
	Alarm System			First Aid Locatio						
				Notific	cation					
	Facility	1		Phone		Facility			Phone	
x	Hospital			409-853-5900	x	Fire	Port N Dept	leches Fire	409-853-5900	
X	Ambulance	Acadian E		409-980-7740	<u> </u>	Law Enforcement				
X	Air Ambulance	Acadian A	ir Med	409-980-7740		Emergency Response/Res	cu			
				Initial I	Briefii	ng				
	Initial safety briefi	ng prepared	for each sit							
				Attachments	s/App	endices				
Attac	hment			Filename						
90.jp	g 			90.jpg						
	SEP-ALL-600-F21 sis.docx	Job Safety		EHS-SEP-ALL-	600-F	21 Job Safety Ar	nalysis.do	cx		
	diene Tank DEHA FINAL.docx	Injection		Butadiene Tank	( DEH	A Injection Plan_	FINAL.do	CX		
ICS 2	08 - Site Safety P	lan			Pre	epared By Chrisy C	lifton, Upd	ated 12/11/201	19 06 29 UTC -6:00 PP	
INCID	ENT ACTION PLAN SOF	TWARE™ Pr	rinted 12/11/20	19 16:40 UTC -6:00		90 of 104	04 © TRG			

ics:	208 -	Site Safety PI	an					Version	ı Name	: 12/0	7/19 - BD Tank 91 I	DEHA Injection
Incide	nt Nar	me: South 4 Grou	p Fire					Period: P	eriod 1	3 [12/	12/2019 06:00 - 12/	14/2019 06:00]
Applie	s to S	ite: Butadiene Ta Plan	nk 91 DEH	A Inhib	oitor In	jection						
						Site Chara	cterizat	ion				
Wate	•		Lan	d				Weather				
Wave	Heigh	nt	Lane	d Use				Air Tem	c	50 Fa	hrenheit	
Speed	d							Wind Sp	eed	17 m	oh	
Direc	tion							Direction	1	NNE		
					т	<del>,</del>	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	х	Boat Safety		x		Fire, Explosure Burning	osion, In	-situ	х		Pump Hose	
X		Chemical Hazard	ds	X		Heat Stre			х		Slips, Trips, and F	
X		Cold Stress			x	Helicopte	r Operati	ions		x	Steam and Hot W	
Щ	x	Confined Spaces	6	х		Lifting				x	Trenching/Excava	tion
X		Drum Handling	- 12		x	Motor Ver	nicles			X	UV Radiation	
X		Equipment Oper		X		Noise	/D. min al I	I IAIIIAI e e		X	Visibility	
							ad/Buried Utilities					
X	Ш	raugue	Ш		Plants/Wil Air Monito		nite		X	vvoik ineai vvalei		
Ovva	en Lev	ام	19.5%	- Hv/		Sulfide	nny Lin	iiits		otal H	lydrocarbons	
Oxyge	SII LEV	CI	21.5		aroger	Guillae			1	Otarri	iyurocarbons	
LEL			5% for 1 m	iin Bei	nzene				E	3D		0.5ppm for 5 min
						Engineerir	ng Conti	rols				
	Sourc	ce of release secu	red		Valve	(s) closed				Energ	gy sources locked/ta	agged out
х	Site s	ecured		х	Facili	ty shut dow	/n					
				Pers	onal l	Protective	Equipm	ent Requ	ired			
	Imper	vious suit		х	Hard	hats			х	Boots	3	
		gloves		х	·	irators			х		concentration = SC	
x	Outer	gloves		x	Eye p	protection			x	Low o	concentration = APF	R with organic
X	Flame	e resistant clothing	g		Perso	onal flotatio	n					
				Add	itiona	Control N	leasure:	s Establis	hed			
X		ntamination		х	ļ	nation					ional stations estab	lished
X	Sanita	ation			Medi	cal surveilla	ince			Facili	ties provided	
					·		Plan		T			
Booming Excavation										Hot w		
							)t 		<u> </u>	Appro	opriate permits used	<b>i</b>
X	Pump	ping		Ш	Patch		•		<u> </u>	L		
	11 16			115			ning					
		ed site workers tra atory requirements		cai/ted	eral	Training Requirem	nents					
ICS 2	08 - Si	ite Safety Plan					Prepa	ired By Chi	isy Clif	on, Up	dated 12/11/2019 06	30 UTC -6:00 PP
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ICS	CS 208 - Site Safety Plan cident Name: South 4 Group Fire					Version Na	ame: 12/07	7/19 - BD Tanl	k 91 DEHA Injection
Incide	ent Name: South 4			Period: Perio	d 13 [12/1	2/2019 06:00	- 12/14/2019 06:00]		
				Orgar	nizatio	n			
Posit	ion	Name	7	elephone/Radio	Posit	tion	Name		Telephone/Radio
Incid	ent Commander	Hollier, Kurt			Safe	ty Officer	Cliftor	n, Chrisy	
Oper Chiet	ations Section	Williams, Jam		x. 6 Personal Privacy (PP)	Oper Chie	rations Section f	Holley	, Chad	Ex. 6 Personal Privacy (PP)
Incide	ent Commander	McDonald, Sc	ott						
			1	Emerģe	ency F	lan			
x	Fire Prevention P	'lan	x	Evacuation Plan	) 				
	Alarm System			First Aid Location	n				
				Notifi	cation	ıs			
	Facility			Phone		Facility			Phone
x	Hospital	Med Center	of SETX	409-853-5900	х	Fire	Port I Dept	Neches Fire	409-853-5900
x	Ambulance	Acadian EM	S	409-980-7740		Law Enforcement			
X	Air Ambulance	Acadian Air I	Med	409-980-7740		Emergency Response/Rese	scu		
				Initial	Rriefii	-			
	Initial safety briefi	ng prepared fo	r each si			-9			
		<u> </u>		Attachment	s/App	endices			
Attac	hment			Filename					
	diene Tank DEHA l FINAL.docx	Injection		Butadiene Tan	k DEH	A Injection Plan	_FINAL.d	ocx	
EHS-	SEP-ALL-600-F21	Job Safety		EHS-SEP-ALL-	-600-F	21 Job Safety A	Analysis.do	ocx	
91.jp				91.jpg					
	08 - Site Safety P				Pre		Clifton, Upo	dated 12/11/20 ⁻	19 06:30 UTC -6:00 PP
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ics:	208 -	Site Safety Pl	an					Version	. Name	: 12/0	7/19 - BD Tank 96 I	DEHA Injection
Incide	nt Nar	me: South 4 Grou	p Fire					Period: P	eriod 1	3 [12/	12/2019 06:00 - 12/	14/2019 06:00]
Applie	s to S	ite: Butadiene Ta	nk 96 DEH	4 Inhik	itor In	jection						
						Site Chara	cterizat	ion				
Wate	٢		Land	d				Weather				
Wave	Heigl	ht	Land	d Use				Air Tem	c	50 Fa	hrenheit	
Spee	d							Wind Sp	eed	17 m	oh	
Direc	tion							Direction	1	NNE		
		<del>,</del>				<del>,</del>	azards				_	
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	x	Boat Safety		x		Fire, Explosure Burning		-situ	x		Pump Hose	
х		Chemical Hazard	ds	X		Heat Stre			х		Slips, Trips, and F	
X		Cold Stress			x	Helicopte	r Operati	ions		x	Steam and Hot Wa	
Щ	x	Confined Spaces	6	х		Lifting				x	Trenching/Excava	tion
X		Drum Handling	4.	Ш	x	Motor Ver	nicles			X	UV Radiation	
X		Equipment Oper		X		Noise	(D			x	Visibility	
							ad/Buried Utilities					
X		raugue			Plants/Wil	Nildlife						
Ovya	en Lev	rol .	19.5%	ريا ا		Sulfide	ning Lin	IIILS	17	otal W	lydrocarbons	T
Oxyge	en Lev	ei	21.5		aroger	Sunde				otal n	lydrocarbons	
LEL			5% for 1 mi (actio	1	nzene				E	3D		0.5ppm for 5min
						Engineerin	ng Conti	rols				
	Sourc	ce of release secu	red		Valve	(s) closed				Energ	gy sources locked/ta	igged out
х	Site s	ecured		x	Facili	ty shut dow	/n					
				Pers	onal l	Protective	Equipm	ent Requ	ired			
	Impei	rvious suit		х	Hard	hats			х	Boots	3	
	Inner	gloves		X	Resp	irators			х	High	concentration = SC	BA
X	Outer	gloves		X	Eye p	protection			X	Low o	concentration = APF	R with organic
х	Flame	e resistant clothing	g		Perso	nal flotatio	n					
				Add	itiona	Control N	leasure	s Establis	hed			
х	Deco	ntamination		X	Illumi	nation				Additi	ional stations establ	ished
х	Sanit	ation			Medi	cal surveilla	ınce			Facili	ties provided	
						Work	Plan					
Booming Excavation										Hot w	vork	
Skimming Heavy equipme							nt			Appro	priate permits used	
	Vac ti					ent pads						
х	Pump	ping			Patch							
							ning					
		ed site workers tra atory requirements		cal/fed	eral	Training Requirem	nents					
ICS 2	08 - Si	ite Safety Plan					Prepa	ired By Chi	risy Clift	on, Up	dated 12/11/2019 06:	31 UTC -6:00 PP
INCIDE	NT ACT	ION PLAN SOFTWARE	12/11/20	19 16:40	UTC -6:00		93 of	104			© TRG	

ICS	CS 208 - Site Safety Plan cident Name: South 4 Group Fire					Version Nar	ne: 12/07	/19 - BD Tanl	k 96 DEHA Injection				
Incide	ent Name: South 4			Period: Period	13 [12/12	2/2019 06:00	- 12/14/2019 06:00]						
				Organ	izatio	on							
Posit	ion	Name	T	elephone/Radio	Posi	tion	Name		Telephone/Radio				
Incide	ent Commander	Hollier, Kurt			Safe	ty Officer	Clifton	, Chrisy					
Oper Chief	ations Section	Williams, Jame	es Ex	. 6 Personal Privacy (PP	Dpei Chie	rations Section f	Holley	, Chad	Ex. 6 Personal Privacy (PP)				
Incide	ent Commander	McDonald, Sco	ott										
			i	Emerge	ncy F	Plan							
X	Fire Prevention P	lan	х	Evacuation Plan	1								
	Alarm System			First Aid Locatio	n								
				Notific	catior	ıs							
	Facility			Phone		Facility			Phone				
x	Hospital	Med Center of	of SETX	409-853-5900	X	Fire	Port N Dept	leches Fire	409-853-5900				
x	Ambulance	Acadian EMS	3	409-980-7740		Law Enforcement							
X	Air Ambulance	Acadian Air N	Vled	409-980-7740		Emergency Response/Res	cu						
				Initial I	Briefi	1-							
	Initial safety briefi	ng prepared for	r each si										
	,	<u> </u>		Attachments	s/App	endices							
Attac	hment			Filename	• •								
96.jp	g 			96.jpg									
	SEP-ALL-600-F21	Job Safety		EHS-SEP-ALL-	600-F	-21 Job Safety Ai	nalysis.do	CX					
12.07 Pl.pd	7.2019 BD Tank 96 f	DEHA Injection	n Safety	12.07.2019 BD	12.07.2019 BD Tank 96 DEHA Injection Safety Pl.pdf								
ICS 2	08 - Site Safety P	lan			Pr	epared By Chrisy C	lifton, Upd	ated 12/11/201	19 06 31 UTC -6:00 PP				
INCID	ENT ACTION PLAN SOF	TWARE™ Printe	ed 12/11/20	19 16:40 UTC -6:00		94 of 104			© TRG				

ics:	CS 208 - Site Safety Plan  ncident Name: South 4 Group Fire  Applies to Site. Butadiene Tank 14 DEHA Inhibitor Injection							Version	Name	: 12/0	7/19 - BD Tank 14	I DEHA Injection
Incide	nt Nar	me: South 4 Group	Fire				Pe	eriod: Pe	riod 1	3 [12/ ²	12/2019 06:00 - 1:	2/14/2019 06:00]
Applie	s to S	ite: Butadiene Ta	nk 14 DEHA	A Inhik	oitor In	ection						
						Site Chara	cterizatio	n				
Wate	r		Land	k			V	Veather				
Wave	Heigh	nt	Land	d Use			Α	ir Temp	)			
Spee	d						V	Vind Spe	eed			
Direc	tion						D	irection	Ì			
						Site Ha	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	х	Boat Safety		x		Fire, Explo	sion, In-s	itu	X		Pump Hose	
X		Chemical Hazard	ls	x		Heat Stres	SS		x		Slips, Trips, and	Falls
	x	Cold Stress			x	Helicopter	Operation	าร		x	Steam and Hot \	Vater
	x	Confined Spaces	,	X		Lifting				x	Trenching/Excav	ation at
x		Drum Handling			x	Motor Veh	icles			x	UV Radiation	
x		Equipment Opera	ations	x		Noise				x	Visibility	
	x	Electrical Operat	ions		x	Overhead	ad/Buried Utilities 🔲 🕱 Weather					
X		Fatigue			x	Plants/Wil	dlife			x	Work Near Wate	r
						Air Monito	ring Limit	's				
Oxygen Level 19.5% - Hydrogen Sulfide 21.5%										otal H	lydrocarbons	
LEL				0 Ber	nzene							
						Engineerin	g Control	ls				
	Sourc	e of release secu	red			(s) closed				Energ	y sources locked	/tagged out
X	Site s	ecured		x	Facili	ty shut dow	n					
				Pers	onal F	Protective i	Equipmer	nt Requi	red			
	Imper	vious suit		X	Hard				x	Boots		
		gloves		X	·	rators			x	ļ	concentration = S	
x		gloves				rotection			x	Low o	concentration = Al	PR with organic
x	Flame	e resistant clothing	l			nal flotation						
				Add	<del></del>	Control M	easures E	Establis	hed			
х		ntamination		х		nation				ļ	ional stations esta	blished
X	Sanita	ation			Medic	al surveilla				Facili	ties provided	
	<del></del>				·	Work	Plan					
	Boom				Exca					Hot w		
Skimming Heavy equip							<u>t</u>			Appro	opriate permits us	ed
	Vac ti					ent pads						
X	Pump	ping		Ш	Patch							
						Trail	ning					
Verified site workers trained per local/federal regulatory requirements  Training Requirements												
ICS 2	08 - Si	ite Safety Plan				Prepare	d By Chri	sy Clif	ton, Up	dated 12/11/2019 0	6:24 UTC -6:00 PP	
INCIDE	NT ACT	ION PLAN SOFTWARE	19 16:40	UTC -6:00		95 of 1	L04			© TRG		

ICS	CS 208 - Site Safety Plan  noident Name: South 4 Group Fire					Version Name: 12/07/19 - BD Tank 14 DEHA Injection Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]				
Incide	ent Name: South 4	Group Fir	re			Period: Period	13 [12/12	2/2019 06:00	- 12/14/2019 06:00]	
				Organ	nizatio	on				
Posit	ion	Name		Telephone/Radio	Posi	tion	Name		Telephone/Radio	
Incide	ent Commander	Hollier, K	urt		Safe	ty Officer	Clifton,	Chrisy		
Oper Chief	ations Section	Williams,	James	Ex. 6 Personal Privacy (PP)	Oper Chie	rations Section f	Holley,	Chad	Ex. 6 Personal Privacy (PP)	
Incide	ent Commander	McDonald	d, Scott							
	<del>-</del>			Emerge		Plan	<del>- ,</del>			
x	Fire Prevention P	Plan 	х	Evacuation Plan						
Ш	Alarm System			First Aid Location						
	F '19'			Notifi	cation				Disco	
	Facility	Mod Co	ntor of CCT	Phone		Facility	Dowt N	leches Fire	Phone 400.853.5000	
X	Hospital			X 409-853-5900	x	Fire	Dept	ecnes Fire	409-853-5900	
X	Ambulance	Acadiar		409-980-7740		Law Enforcement				
X	Air Ambulance	Acadiar	n Air Med	409-980-7740		Emergency Response/Resole	cu			
				Initial	Briefi	ng				
	Initial safety briefi	ing prepare	ed for each :							
	,			Attachments	s/App	endices				
Attac	hment			Filename						
14.jp	g 			14.jpg						
	SEP-ALL-600-F21	Job Safet	ty	EHS-SEP-ALL-	-600-F	-21 Job Safety Ar	nalysis.do	CX		
12.07 Pl.pd	7.2019 BD Tank 14 f	DEHA Inj	ection Safet	y 12.07.2019 BD	Tank	14 DEHA Injection	n Safety	Pl.pdf		
ICS 2	08 - Site Safety P	'lan			Pro	epared By Chrisy C	lifton, Upda	ated 12/11/201	19 06:24 UTC -6:00 PP	
INCID	ENT ACTION PLAN SOF	TWARE™	Printed 12/11/2	2019 16:40 UTC -6:00		96 of 104	of 104 © TRO			

ics:	208 -	Site Safety Pla	an				Ver	rsion Nam	ie: 12/0	)7/19 - BD Tank 15	DEHA Injection	
Incide	nt Nar	me: South 4 Group	Fire				Period	d: Period	13 [12/	12/2019 06:00 - 12/	(14/2019 06:00]	
Applie	s to S	ite: Butadiene Ta	nk 15 DEH	A Inhik	oitor In	ection						
						Site Chara	cterization					
Wate	r		Land	k			Weat	ther				
Wave	Heigh	nt	Land	d Use			Air T	emp				
Spee	d						Wind	d Speed				
Direc	tion						Direc	ction				
						Site Ha	azards					
Yes	No	Hazards		Yes	No	Hazards		Yes	No	Hazards		
	х	Boat Safety		x		Fire, Explo Burning	sion, In-situ	x		Pump Hose		
x		Chemical Hazard	ls	x		Heat Stres	ss	x		Slips, Trips, and F	alls	
	x	Cold Stress			x	Helicopter	Operations		x	Steam and Hot W	ater	
	x	Confined Spaces	;	X		Lifting		x	Trenching/Excava	tion		
x		Drum Handling			x	Motor Veh	icles		x	UV Radiation		
x		Equipment Opera	ations	x		Noise			x	Visibility		
	Electrical Operations				x	Overhead	Buried Utilitie	es 🗌	x	Weather		
X		Fatigue			x	Plants/Wil	dlife		x	x Work Near Water		
						Air Monito	ring Limits					
Oxyge	en Lev	el	19.5% 21.5		drogen	Sulfide			Total F	Hydrocarbons		
LEL				0 Ber	nzene							
						Engineerin	g Controls					
	Sourc	e of release secu	red			(s) closed			Ener	gy sources locked/t	agged out	
X	Site s	ecured		x	Facili	ty shut dow	n					
				Pers	onal F	Protective i	Equipment R	equired				
	Imper	vious suit		X	Hard			х	Boots			
		gloves		X	·	rators		x		n concentration = SCBA		
x		gloves				rotection		X	Low concentration = APR with organic vapor			
x	Flame	e resistant clothing	j			nal flotation						
				Add	<del></del>		easures Esta	ablished				
Х		ntamination		x		nation				tional stations estab	lished	
х	Sanita	ation			Medio	al surveilla			Facil	ities provided		
	<del></del>				<del>,</del>	Work	Plan	<del></del>	<del></del>			
	Boom				Exca				Hot v			
	Skim					y equipmen	t		Appr	opriate permits use	db	
	Vac ti					ent pads						
х	Pump	ping			Patch	ing						
						Trail	ning					
		ed site workers tra story requirements		al/fed	eral	Training Requirem	ents					
ICS 2	08 - Si	ite Safety Plan					Prepared By	/ Chrisy Cl	fton, Up	odated 12/11/2019 06	25 UTC -6:00 PP	
INCIDE	NT ACT	ION PLAN SOFTWARE	Printed 1	2/11/20	19 16:40	UTC -6:00		97 of 104			© TRG	

ICS	208 - Site Safe	ty Plan			Version Name: 12/07/19 - BD Tank 15 DEHA Injection							
Incide	ent Name: South 4	Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019							
				Organ	nizatio	ın						
Posit	ion	Name	7	elephone/Radio	Posit	tion	Name		Telephone/Radio			
Incide	ent Commander	Hollier, Kurt			Safe	ty Officer	Clifton,	Chrisy	Ex. 6 Personal Privacy (PP)			
Oper Chief	ations Section	Williams, Jame	es e	x. 6 Personal Privacy (PP)	Oper Chie	rations Section f	Holley,	Chad	LA. O' DISOIMIT ITVACY (1')			
Incide	ent Commander	McDonald, Sco	ott									
				Emerge	ncy F	lan						
X	Fire Prevention P	lan	x	Evacuation Plan								
	Alarm System			First Aid Locatio	n							
				Notific	cation	ıs						
	Facility			Phone		Facility			Phone			
x	Hospital	Med Center of	Med Center of SETX		x	Fire	Port N Dept	leches Fire	409-853-5900			
x	Ambulance	Acadian EMS	S	409-980-7740	Law Enforcement							
X	Air Ambulance	Acadian Air N	/led	409-980-7740		Emergency Response/Rescu						
				Initial	Rriefii	1-						
	Initial safety briefi	ng prepared for	each si			-3						
	,	- 5		Attachments	s/App	endices						
Attac	hment			Filename								
12.07 Pl.pd		DEHA Injection	n Safety	12.07.2019 BD	Tank	15 DEHA Injection	on Safety	Pl.pdf				
EHS-	SEP-ALL-600-F21 sis.docx	Job Safety		EHS-SEP-ALL-	-600-F	21 Job Safety Ar	nalysis.do	CX				
15.jp				15.jpg								
ICS 2	08 - Site Safety P	lan			Pre	epared By Chrisy C	lifton, Updi	ated 12/11/201	19 06 25 UTC -6:00 PP			
INCID	ENT ACTION PLAN SOF	TWARE™ Printe	d 12/11/20	19 16:40 UTC -6:00		98 of 104		© TRG				

ICS :	208 -	Site Safety Pl	lan						Ve	rsion l	Name: 12/11/19 - T	K33 Inspection		
		me: South 4 Grou	·				Perio	od: Period	1 1:	3 [12/1	12/2019 06:00 - 12/	14/2019 06:00]		
Applie	s to S	ite: TK33 Inspec	tion											
				•		Site Chara		49						
Wateı				and 				ither 						
	Heigh	nt	La	Land Use				Temp			hrenheit			
Speed								d Speed		8 mpł	1			
Direc	tion							ction		NNE				
	B.L.	Hananda		- Vaa	NI-	Site Ha	azards	- V-		NI.	Hananda			
Yes	No	Hazards		Yes	No	Hazards		Ye	es T	No	Hazards	-4		
	x	Boat Safety	-1-	x		Heat Stres				x	Steam and Hot W			
X		Chemical Hazar	as		X	· ·	Operations			x	Trenching/Excava	tion		
X		Cold Stress			X	Lifting				x	UV Radiation			
	x	Confined Space	S	x	X	Motor Veh	iicles			x	Visibility			
	x					Noise	//** *	<u> </u>	<u>(                                    </u>		Weather			
	x	Equipment Oper		X						x	Work Near Water			
	X	Electrical Opera	tions		X	Plants/Wil	<u> </u>	(		Debris				
x		Fatigue	1 2		X	Pump Hos								
	x	Fire, Explosion, Burning	in-situ	x		Slips, Trip	s, and Falls							
						Air Monito	ring Limits							
Oxygen Level 19.5			5% - Hyc 0.5%	lroger	Sulfide			T	otal H	ydrocarbons				
LEL			5% for 1		nzene				E	BD		0.5ppm for 5		
						Engineerin	g Controls							
	Sourc	e of release secu	ıred			e(s) closed	_		7	Enero	y sources locked/ta	agged out		
x	Site s	ecured		x	Facili	ty shut dow	n							
					onal l	Protective i	Equipment F	Reguired	1					
П	Imper	vious suit		x	Hard		• •	<u> </u>		Boots				
Ħ	ļi	gloves		x		irators		\[ \frac{1}{2} \]	=	SCBA				
x		gloves		x	· .	protection			=	Steel	eel/composite toe boots			
x	Flame	e resistant clothin	g			onal flotation	 n							
				Addi	tiona	Control M	easures Est	ablished	1					
x	Deco	ntamination		x		nation			7	Additi	onal stations estab	lished		
x	Sanita	ation			Medi	cal surveilla	nce		<del>-</del>	Facilities provided				
						Work	Plan							
П	Boom	ning			Exca	vation			7	Hot w	ork			
	Skimr				Heav	y equipmen	ut		_	Appro	priate permits used	<u>, , , , , , , , , , , , , , , , , , , </u>		
	Vac ti	rucks				ent pads		X	(		I inspection			
	Pump	 ping			Patch	ning								
						Trail	ning							
		ed site workers tra itory requirement		local/fed	eral	Training Requirem	Site C	Drientatio	n					
CS 2	08 - Si	te Safety Plan					Prepared By	/ Clayton I	Dor	sa, Up	dated 12/11/2019 15	43 UTC -6:00 PP		
INCIDE	NT ACT	ION PLAN SOFTWARE	.™ Printe	ed 12/11/201	19 16:40	UTC -6:00		99 of 104				© TRG		

ICS	208 - Site Safe	ety Plan				V	ersion Name: 12/11/	19 - TK33 Inspection		
Incid	ent Name: South 4	1 Group Fire				Period: Period	13 [12/12/2019 06:00	) - 12/14/2019 06:00]		
				Organ	izatio	on				
Posit	ion	Name		Telephone/Radio	Posi	tion	Name	Telephone/Radio		
Incid	ent Commander	McDonald, Scott	t [		Safe	ty Officer	Dorsa, Clayton			
Incid	ent Commander	Hollier, Kurt		Ex. 6 Personal Privacy (PP)		rations Section f	Holley, Chad	Ex. 6 Personal Privacy (PP)		
Safet	y Officer	Clifton, Chrisy			Ope Chie	rations Section f	Williams, James			
		1	<u> </u>	Emerge						
x	Fire Prevention F	Plan	x	Evacuation Plan						
П	Alarm System		F	First Aid Locatio						
	1		_	Notific		ns				
	Facility			Phone		Facility		Phone		
x	Hospital	Medical Center	409-853-5900	x	Fire	Port Neches Fire Dept	409-853-5900			
x	Ambulance	Acadian EMS		409-980-7740		Law Enforcement				
x	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/Resc e	u			
				Initial E	3riefi	ng				
	Initial safety brief	fing prepared for e	ach	site						
				Attachments	s/App	endices				
Attac	hment			Filename						
TK 3	3 Inspection Plan.	docx		TK 33 Inspectio	n Pla	n.docx				
ICS 2	08 - Site Safety F	Plan			Pre	pared By Clayton D	orsa, Updated 12/11/20			
INCID	ENT ACTION PLAN SOF	TWARE™ Printed:	12/11/	2019 16:40 UTC -6:00		100 of 104		© TRG		

ics:	208 -	Site Safe	ety Pla	n					Ve	rsion Name	e: 12/1	1/201	9 - Site PPE	Requirements Safety Plan		
Incide	nt Naı	me: South 4	1 Group	Fire						Period: Pe	eriod 1	3 [12/	12/2019 06:	00 - 12/14/2019 06:00]		
Applie	s to S	ite: PPE R	equirem	nents					*******************************			*****************	***************************************			
								Site Chara	cteriza	tion						
Wate	•			La	nd	•				Weather						
Wave	Heigl	ht		La	nd Us	е				Air Temp	)					
Speed	t									Wind Sp	eed					
Direc	tion									Direction	1					
								Site Ha	azards							
Yes	No	Hazards			Yes	s N	lo	Hazards			Yes	No	Hazards			
	x	Boat Safe	ty		x			Fire, Explo	sion, Ir	n-situ		x	Pump Hos	e		
x		Chemical	Hazards	6	x			Heat Stres	SS		X		Slips, Trips	s, and Falls		
	х	Cold Stres	SS				X	Helicopter	Opera	tions		х	Steam and	d Hot Water		
	x	Confined	Spaces				X	Lifting				х	Trenching	/Excavation		
	х	Drum Han	dling			[	X	Motor Veh	icles			х	UV Radiat	ion		
	х	Equipmen	t Opera	tions	х			Noise				х	Visibility			
	х	Electrical	Operations			[:	x	Overhead/	/Buried	Utilities		х	Weather			
х		Fatigue				Ī.	x	Plants/Wile	dlife			x	Work Near	r Water		
						-		Air Monito	ring Lii	mits						
Oxyge	en Lev	el		19.5° 20.	% - H .5%	ydrog		Sulfide			-	Fotal F	lydrocarbon	S		
LEL					0 B	enze	ne									
					•			Engineerin	g Cont	trols						
	Sourc	ce of releas	e secur	ed		Va	ilve	e(s) closed				Energ	gy sources I	ocked/tagged out		
x	Site s	ecured			х	Fa	cili	ty shut dow	n							
					Pe	rson	al I	Protective I	Equipn	nent Requ	ired					
	Impe	vious suit			x	x Flame resistant clothing				•	x	Eye protection				
$\overline{\Box}$		gloves			x	.		hats	x				onal flotation	 າ		
		gloves			x			irators			x	Boots				
		<u> </u>						l Control M	easure	s Establis						
x	Deco	ntamination	)		x	<del></del>		nation				Addit	ional station	ıs established		
x	Sanit		•		+ =			cal surveilla	nce				ties provide			
	Carne					1910	-	Work				ı dom	tioo provido	u .		
	Boon	nina				Fv	·ca	vation				Hot v	vork			
	Skim							y equipmen	1			-	opriate perm	nite used		
	Vac t	*						ent pads				Appri	philate betti	ilis uscu		
	Pump							ning								
Ш	rum	лиу				Го	1101	-								
		ed site work		ned per le	ocal/fe	dera	I	Train Training Requirem								
	reguie	atory requili	oments					Organi								
Positi			Name			Tolo	nbr		Positio			Name		Telephone/Radio		
		mmander		nald, Sco	ott [	Telephone/Radio				tions Section	on		y, Chad	Ex. 6 Personal Privacy		
100.0	no ~	O_£									- A16		14 14074	2040 40 45 LITO 202		
		ite Safety F		Dei-t-	d 12/51/	2010 17	2.40	HTC -6:00	Prep			ιση, Uβ	ouated 12/11/	2019 12:45 UTC -6:00 PP		
INCIDE	NI ACT	ION PLAN SOF	'IWAKE'™	Printed	u 12/11/2	2019 16	o: 40	UTC -6:00		101 of	104		1	© TRG		

ICS	208 - Site Safe	ety Plan			Version Name: 12/11/2019 - Site PPE Requirements Safety Plan							
Incid	ent Name: South	4 Group Fire				Period: Period 13	3 [12/12/2019 06:0	0 - 12/14/2019 06:00]				
Incid	ent Commander	Hollier, Kurt	Ex	a. 6 Personal Privacy (PP)	Ope Chie	rations Section f	Williams, James	Ex. 6 Personal Privacy (PP)				
Safe	y Officer	Clifton, Chrisy										
				Emerge	ncy F	Plan						
х	Fire Prevention I	Plan	x	Evacuation Plan								
	Alarm System			First Aid Locatio	n							
				Notific	cation	าร						
	Facility			Phone		Facility		Phone				
х	Hospital	Medical Center SETX	r of	409-853-5900	x	Fire	Port Neches Fire Dept	409-853-5900				
x	Ambulance	Acadian EMS		409-980-7740		Law Enforcement						
х	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/Rescu						
				Initial I	Briefi	1 -						
	Initial safety brief	fing prepared for e	ach si									
	Initial Salety Bile	ing propared for e	uon s	Attachments	:/Ann	endices						
Attai	chment			Filename	// \pp	charces						
	I.2019 PPE Requi	iromonto Cofotu				 juirements Safety P	lan daay					
ics :	208 - Site Safety I	Plan			Pr	epared By Chrisy Clift	on, Updated 12/11/20	019 12:45 UTC -6:00 PP				
INCIE	ENT ACTION PLAN SOI	FTWARE™ Printed 1	12/11/20	019 16:40 UTC -6:00		102 of 104		© TRG				

ICS 220 - Air Operations	Summar	У						Version Name: 20191212				
Incident Name: South 4 Group F	ire					Period: Period	13 [12/12/201	19 06:00 - 12/14/2019 06:00				
Sunrise		s	unset	Ready Alert Aircraft								
12/12/2019 07:00		12/12/2	2019 17:16	Medivac								
Remarks (safety notes, ha	zards, air	operations specia	al equipment, etc)	New Incident								
ALL AIR OPERATIONS ARE DE				Temporary Flight Restriction Number :								
DURING ADVERSE CONDITIO WITH 30 MIN RESPONSE REQ			IN ON STANDBY	Altitude 2000								
THE STATE OF THE S	011 (2111214	••		Center Point 29.976815, -93.947531								
						Frequ	iencies					
Air Operations requests for curre Air Operations Group Superviso Priority to Life Safety or Environ	r and appro	oved by the Operat		Frequency / F	unction	1	AM	FM				
Flight requests for future operati by noon. These flights will be ac approval.												
The ICS 220 - Air Operations Suoperations for the IAP.	ımmary wil	be used to docum	nent approved air									
Operations to assist response poincident site to determine tactics												
Heed all directions from emerge landing sites due to number of p observation of plume/air conditio CTEH provides continuous air m	ower lines ons and egi	IVO incident location in incident location in its location in	on. Keep continuous onditions warrant.									
	Perso	nnel										
Position	Vame		Phone									
Air Ops Group Supervisor (Data Collection)	Allen, Bryce	Э	(b) (6)									
Unmanned Aircraft Pilot in Command	Barrett, Bla	ke	832-622-8136									
ICS 220 - Air Operations Sumn	nary				Prepa	ired By Air Oper	ations, Updated	12/11/2019 16:00 UTC -6:00 PF				
INCIDENT ACTION PLAN SOFTWARE™		Printed 12/11/2	0.10.10.10.1EE 6.00		103 of 104			© TRG				

Incident Name: S	South 4 Grou	p Fire					P	eriod: Period 1	3 [12/12	2/2019 06:00 - 12/14/2019 06:0	
		Personnel									
Position		Name	Phor	ре							
Visual Observer		Berg, Nolan	(b) (6	5)							
				Helicopte	ers						
FAA N#	Category	Make/Model		Base		Avail	able	Start	Rem	arks	
FA3WNXXPCY	sUAV	Phantom 4 F	Pro V2	Incident Command		11/28 06:00	3/2019 )	12/08/2019 07:00	PIC -	- D. Lindsey	
FA3HCFMKEH	sUAV	Matrice 210v	⁄2 RTK	Incident Command		11/29 06:00	9/2019 12/08/2019 0 06:00				
FA34CL9AA3	sUAV	Matrice M60	0	Incident Command		11/29 06:00	9/2019 )	12/08/2019 06:00			
				Task / Mission / A	ssignmen	t					
Function		Name of Pers Tactical Aircra		go or Instructions for	Mission S	tart	Fly To			Fly From	
IR Thermal Surv	ey	Perform IR flig of interest.	ght over Bloc	k 10 to identify areas	s 12/08/2019 07:30		Incident I	ocation.		Recommended Safe Distanc	
Aerial Observation	on	Aerial Observ waterway Div		agery capture of	12/08/2019 14:00		Division E		Division A		
IR Tank Survey		Perform IR FI levels.	ights for tank	temperatures and	12/08/2019 16:00		Tank Blocks			Recommended Safe Distance	
Aerial Observation	on	Aerial Observ incident locati		agery capture of	12/09/2019 11:00		Incident Location			Recommended Safe Distance	

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